

Result No.	Score	Query Match	Length	DB ID	Description	
1	123	10.4	2015	4	US-09-023-655-1105 Sequence 1105, Appl	
2	119.4	10.1	2298	4	US-09-023-655-1158 Sequence 1158, Appl	
3	110	9.3	2354	4	US-09-023-655-1080 Sequence 1080, Appl	
4	107.4	9.1	2129	4	US-09-016-134-1452 Sequence 1452, Appl	
5	101	8.5	675	1	US-08-707-793A-3 Sequence 3, Appl	
6	101	8.5	675	1	US-08-707-792A-3 Sequence 3, Appl	
7	95	8.0	3258	4	US-09-741-238-24 Sequence 24, Appl	
8	92.6	7.8	2435	4	US-09-033-655-1313 Sequence 1313, Appl	
9	92.4	7.8	1611	4	US-09-044-711A-1 Sequence 1, Appl	
10	92.4	7.8	1611	4	US-09-044-711A-3 Sequence 3, Appl	
11	91	7.7	2647	4	US-09-220-132-77 Sequence 77, Appl	
12	91	7.7	2647	5	PCT-US3-06251-77 Sequence 77, Appl	
13	90.8	7.7	1611	1	US-07-020-011A-3 Sequence 3, Appl	
14	90.8	7.7	1611	4	US-09-860-473-3 Sequence 3, Appl	
15	90.8	7.7	1611	5	PCT-US3-00445-3 Sequence 10, Appl	
16	89.6	7.6	1626	4	US-09-860-473-10 Sequence 1, Appl	
17	80.4	6.8	1602	1	US-07-820-011A-1 Sequence 5, Appl	
18	80.4	6.8	1602	3	PCT-US3-00445-1 Sequence 2, Appl	
19	80.4	6.8	1759	4	US-09-470-881-2 Sequence 1, Appl	
20	71	6.0	1491	2	US-09-006-675-1 Sequence 1, Appl	
21	71	6.0	1491	3	US-09-228-603A-1 Sequence 5, Appl	
22	68.4	5.8	282	3	US-09-006-675-5 Sequence 5, Appl	
23	68.4	5.8	282	3	US-09-028-603A-5 Sequence 7, Appl	
24	60.4	5.1	4517	4	US-09-470-881-7 Sequence 83, Appl	
25	60.4	5.1	4517	5	PCT-US3-06251-83 Sequence 931, Appl	
26	59.4	5.0	874	4	US-09-123-655-931 Sequence 2, Appl	
27	55.8	4.7	1548	3	US-09-099-053-1 Sequence 22338, A	
	29	49.8	4.2	1458	4	US-09-270-167-12694 Sequence 12694, A
	30	48	4.1	144	5	PCT-US3-06251-13 Sequence 13, Appl
	31	43	3.9	498	6	PCT-US3-06251-14 Sequence 14, Appl
	32	43.2	3.7	164	1	US-08-306-691B-28 Sequence 17, Appl
	33	42.8	3.6	164	4	US-09-860-473-17 Sequence 7, Appl
	34	42.8	3.6	164	5	PCT-US3-06251-70 Sequence 70, Appl
	35	42.8	3.6	164	5	PCT-US3-06251-70 Sequence 18, Appl
	36	42.8	3.6	134	4	US-09-513-939C-22338 Sequence 13, Appl
	37	42	3.6	197	5	PCT-US3-10973A-18 Sequence 1, Appl
	38	41.6	3.5	231	4	US-09-244-583-13 Sequence 6, Appl
	39	41.6	3.5	426	4	US-09-884-050-1 Sequence 1, Appl
	40	41.6	3.5	444	3	US-09-392-332-6 Sequence 1, Appl
	41	41.6	3.5	444	4	US-09-574-708A-1 Sequence 1, Appl
	42	41.6	3.5	444	4	US-09-392-931-1 Sequence 88, Appl
	43	41.6	3.5	456	5	PCT-US3-10973A-88 Sequence 86, Appl
	44	41.6	3.5	467	5	PCT-US3-10973A-86 Sequence 86, Appl

ALIGNMENTS

RESULT

1
US-09-023-655-1105

; Sequence 1105, Application US/09023655

; Patent No. 6607879

; GENERAL INFORMATION:

; APPLICANT: Cocks, Benjamin G.

; APPLICANT: Susan G. Smart

; APPLICANT: Jeffrey J. Seilhamer

; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE

; TITLE OF INVENTION: EXPRESSION

; NUMBER OF SEQUENCES: 1508

; CORRESPONDENCE ADDRESS:

; ADDRESSE: INCYTE PHARMACEUTICALS, INC.

; STREET: 3174 PORTER DRIVE

; CITY: PALO ALTO

; STATE: CALIFORNIA

; ZIP: 94304

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC Compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS 6.2

; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS

; CURSOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/023, 655

; FILING DATE: HEREWITH

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: Zeller, Karen J.

; REGISTRATION NUMBER: 37,071

; REFERENCE/DOCKET NUMBER: PA-0001 US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (650) 855-0555

; TELEFAX: (650) 845-4166

; INFORMATION FOR SEQ ID NO: 1105:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 2015 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; IMMEDIATE SOURCE:

; LIBRARY: GENBANK

; CLONE: 918911

; US-09-023-655-1105

10.4%; Score 123; DB 4; Length 2015;

SUMMARIES

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the total score distribution, and is derived by analysis of the total score distribution.

SUMMARIES

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing First 45 summaries

Database : Issued_Patents_NA_*

1: /cgn2_6/picodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/picodata/1/ina/5B_COMB.seq:*

3: /cgn2_6/picodata/1/ina/6A_COMB.seq:*

4: /cgn2_6/picodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/picodata/1/ina/PCITS_COMB.seq:*

6: /cgn2_6/picodata/1/ina/backfiles.seq:*

Total number of hits satisfying chosen parameters: 1649014

Best Local Similarity 53.9%; Pred. No. 1.6e-25;
Matches 283; Conservative 0; Mismatches 230; Indels 12; Gaps 1;

REGISTRATION NUMBER: 37,071
REFERENCE DOCKET NUMBER: PA-0001 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1158:
SEQUENCE CHARACTERISTICS:
LENGTH: 2298 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GENBANK
CLONE: 9187268
US-09-032-655-1158

Query Match 10.1%; Score 119.4; DB 4; Length 2298;
Best Local Similarity 53.3%; Pred. No. 1.9e-24;
Matches 283; Conservative 0; Mismatches 236; Indels 12; Gaps 1;

QY 454 TGTGCAAGGCCAGGGACCTGTGACCATGCGAAGCCAGGAAAGCAGAGAGAAGGGCCACAGGGCGTGGC 513
Db 447 TTAACTGACAGGGTTCAAATCAGAGAACATGGGATGAGATGGGATGAGATTTGTGTAGC 506
QY 514 CCTGGGCAGTTTCGGCGGGTGGCCGGCCGGAGCTGGCTGAGACTGGGGAGCCATT 573
Db 507 CTTCTAACCCCTATGATGGCATCCACCCGGAGACTGTCTTCAAGAAAGGGAAAGAT 566
QY 574 GACCATGCTCTCTGAGATGGGAGACTGGTGTGCTGAAGCTCAGGCAGGAG 633
Db 567 GAAGTCTGGAGGAGCATGGGATGAGATGGGAAAGCCTTAAACAAAAAGA 626
QY 634 GTATAACATCCCCAGGNCACCTGGCAAGGAAAGTCCTCCC-----ATGGGTGGCT 681
Db 627 AGGTCTCATCCCCAGCAACTATGGCCAAACTATGGCCAAACTAGTGGCT 686
QY 682 GTATGAGGCCCTGAGCAGGGAGAACGAGGAACACTGGTGTGTTACCTGGGAAACCTGG 741
Db 687 TTTCAAGGATATAACCGAAAGGGCGAAAGCCAGTCTTCCGACCTGGAAATAGCC 746
QY 742 AGGGCCCTCCATCCGGAGAGCAGGAGGAACTGGGAGGGATCAGACCTACAGGATCCACTGGCTTA 801
Db 747 TGAGGCTTCTCTTATAGAAAAGTGAACATTAAGGAAGCTTCTCTGCTGTAG 806
QY 802 CCTCAAGCCCTCTCATCTGGGACCCGATCAGACCTACAGGATCCACTGGCTTACAA 861
Db 807 AGACTTTGACCCCTGATGTTGATTTAGGACTACAAATAGAGTCTGGATTA 866
QY 862 TGGCTGGCTGTCATCTCACCGGGCTCACTCCCTCACTCCGCGCTGGGACCA 921
Db 867 TGGGGCTPATTACATCTCCACCAATGACTTCCCTTATGAGATGATTAACA 926
QY 922 TTACTCTGAGCTGGGGATGACATCTGCTGCTACTCAAGGAGCCCTG 972
Db 927 TTACCAAAANGCAGGAGATGGCTTGAGAAGHTGGGAAAGGCTTGAT 977

RESULT 3
US-09-023-655-1158
Sequence 1158, Application US/09023655
Patent No. 6607879

GENERAL INFORMATION:
APPLICANT: Cocks, Benjamin G.
APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1508
CORRESPONDENCE ADDRESS:
ADDRESS: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/023,655
FILING DATE: HEREWITHE
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
NAME: Zeller, Karen J.

RESULT 3
US-09-032-655-1080
Sequence 1080, Application US/09023655
Patent No. 6607879

GENERAL INFORMATION:
APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1508
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA

RESULT 5
 US-08-107-793A-3
 Sequence 3, Application US/08707793A
 Patent No. 577696
 GENERAL INFORMATION:
 APPLICANT: SALOME, SCOTT P.
 TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING
 TITLE OF INVENTION: FUSION PROTEINS
 NUMBER OF SEQUENCES: 17
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Merck & Co., Inc.
 STREET: P.O. Box 2000, 126 E. Lincoln Ave.
 CITY: Rahway
 STATE: NJ
 COUNTRY: USA
 ZIP: 07055-0900
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/707,793A
 FILING DATE: 04-SEP-1996
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Camara, Valerie J
 REGISTRATION NUMBER: 35,090
 REFERENCE/DOCKET NUMBER: 19494
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 908-594-3902
 TELEX:
 TELEFAX: 908-594-4720
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 675 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Genomic DNA
 US-08-707-793A-3

Query	Subject	Score	DB	Length	Start	End	Mismatches	Indels	Gaps
Qy	918 ACCATTACTGAGTGGCCATGACATCTGCCTACTCAGGAACCCGTGCTGC 977	8.5%	101	DB 1;	675				
Db	679 GCTTACCAATGTTAGATGGCTGTGACACGGTGTGAGGTGGAAACATACAGGCCACCC 738	59.0%	2,28-19;				0;		
Qy	978 AGAGGGC 984	Conservative	0;						
Db	739 AGAAGCC 745	173;							
Qy	918 ACCATTACTGAGTGGCCATGACATCTGCCTACTCAGGAACCCGTGCTGC 977	673							
Db	679 GCTTACCAATGTTAGATGGCTGTGACACGGTGTGAGGTGGAAACATACAGGCCACCC 738	43							
Qy	978 AGAGGGC 984	73							
Db	739 AGAAGCC 745	49							
Qy	918 ACCATTACTGAGTGGCCATGACATCTGCCTACTCAGGAACCCGTGCTGC 977	79							
Db	679 GCTTACCAATGTTAGATGGCTGTGACACGGTGTGAGGTGGAAACATACAGGCCACCC 738	49							
Qy	978 AGAGGGC 984	85							
Db	739 AGAAGCC 745	55							
Qy	918 ACCATTACTGAGTGGCCATGACATCTGCCTACTCAGGAACCCGTGCTGC 977	91							
Db	679 GCTTACCAATGTTAGATGGCTGTGACACGGTGTGAGGTGGAAACATACAGGCCACCC 738	61							

Qy 917 GACCATTACTTGAGTCGGGATGACTCTGGTGCCTACTCAAGGGCCCTG 969
 Db 613 CGCCATTACCCATGCTTCAGGGTGGACAGGTGAGCCCCCTG 665

RESULT 7
 US-09-741-238-24
 Sequence 24, Application US/09741238
 GENERAL INFORMATION:
 APPLICANT: Lorenz, Matthias
 TITLE OF INVENTION: DNA Array Sequence Selection
 Patent No. 6706867
 FILE REFERENCE: NIH-05076
 CURRENT APPLICATION NUMBER: US/09/741,238
 CURRENT FILING DATE: 2001-08-20
 NUMBER OF SEQ ID NOS: 29
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO: 24
 LENGTH: 3258
 TYPE: DNA
 ORGANISM: Mus musculus
 US-09-741-238-24

Query Match 8.0%; Score 95; DB 4; Length 3258;

Best Local Similarity 58.8%; Pred. No. 2.5e-17; Matches 164; Indels 0; Gaps 0;
 Matches 170; Conservative 0; Mismatches 115; Delins 0; Gaps 0;
 Matches 170; Best Local Similarity 56.1%; Pred. No. 1.e-16;
 Query 6712 ATGGGTTGGCTGTATGGGGCTGAGGGAAAGGAGGAACCTGGCTGTGTTACCTG 731
 Db 666 AAGAGTGTGACTTTGGAAAACCTGGCCCAAAGATGCTGAGAACGCTCTGTCCTTGT 725
 Query 732 GAAACCTTGAGGGCTCTCTCATGGGAGGCCAGACGGAGAAGGCTTACTCTC 791
 Db 726 GAAACCCAAGAGTGTACTTTCTTATCGCGAGCAAACCCAAAGGCGCTACTCA 785
 Query 792 TGTCAAGTCGGCTCAAGCGCTGACATGGGATGAGACTACAGGATCCACT 851
 Db 786 TTTCATCGCAGTGGATGATGATGAGGACCAAGCTGAAACATTATAAAATCGA 845
 Query 852 GCCTTGAAATGGCTGTACATCTCACCGCGCTCACCTTCCCTCACTCCAGGCC 911
 Db 846 AGCTTGAAATGGTGTAACTATCACAAACGGGGCACTTTGAAACACTTCAGAAC 905
 Query 912 TGTGTCACATTACTTGAGCTGGCCGATGACATCTGT 950
 Db 906 TGGTACAGCATTACTGAGAAAGCTGATGSGTTCTGT 944

Query Match 8.0%; Score 95; DB 4; Length 3258;

Best Local Similarity 58.8%; Pred. No. 2.5e-17; Matches 164; Indels 0; Gaps 0;
 Matches 170; Best Local Similarity 56.1%; Pred. No. 1.e-16;
 Query 6712 ATGGGTTGGCTGTATGGGGCTGAGGGAAAGGAGGAACCTGGCTGTGTTACCTG 731
 Db 610 AAGAGTGTGACTTTGGAAAACCTGGCCCAAAGATGCTGTCCTGAGCAAGCTATTGCTTGT 869

Query Match 7.8%; Score 92.6; DB 4; Length 2435;

Best Local Similarity 56.1%; Pred. No. 1.e-16;
 Matches 170; Best Local Similarity 56.1%; Pred. No. 1.e-16;
 Query 6712 ATGGGTTGGCTGTATGGGGCTGAGGGAAAGGAGGAACCTGGCTGTGTTACCTG 731
 Db 810 AAGAGTGTGACTTTGGAAAACCTGGCCCAAAGATGCTGTCCTGAGCAAGCTATTGCTTGT 869

Query Match 7.8%; Score 92.6; DB 4; Length 2435;

Best Local Similarity 56.1%; Pred. No. 1.e-16;
 Matches 170; Best Local Similarity 56.1%; Pred. No. 1.e-16;
 Query 6712 ATGGGTTGGCTGTATGGGGCTGAGGGAAAGGAGGAACCTGGCTGTGTTACCTG 731
 Db 870 GAAACCCAAGAGTGTACTTTCTTATCGCGAGGATGAAACCCAAAGGGCTCTATTAC 929

Query Match 7.8%; Score 92.6; DB 4; Length 2435;

Best Local Similarity 56.1%; Pred. No. 1.e-16;
 Matches 170; Best Local Similarity 56.1%; Pred. No. 1.e-16;
 Query 6712 ATGGGTTGGCTGTATGGGGCTGAGGGAAAGGAGGAACCTGGCTGTGTTACCTG 731
 Db 792 TGTCAAGTCGGCTCAAGCGCTGACATGGGATGAGACTACAGGATCCACT 851
 Query 792 TGTCAAGTCGGCTCAAGCGCTGACATGGGATGAGACTACAGGATCCACT 851
 Db 930 TTCTATCCGGTGTGGATATGTAAGAGGACCATGTCAAATATAAAATCGA 989

Query Match 7.8%; Score 92.6; DB 4; Length 2435;

Best Local Similarity 56.1%; Pred. No. 1.e-16;
 Matches 170; Best Local Similarity 56.1%; Pred. No. 1.e-16;
 Query 6712 ATGGGTTGGCTGTATGGGGCTGAGGGAAAGGAGGAACCTGGCTGTGTTACCTG 731
 Db 852 GCCTTGAAATGGCTGTACATCTCACCGCGCTCACCTTCCCTCACTCCAGGCC 911
 Query 912 TGGTGCACATTACTTGAGCTGGCCGATGACATCTGT 950
 Db 990 AACTTGACAATGGTGTGATACATTTACCCGGCCAGTTGAAACACTTCAGCAGC 1049

Query Match 7.8%; Score 92.6; DB 4; Length 2435;

Best Local Similarity 56.1%; Pred. No. 1.e-16;
 Matches 170; Best Local Similarity 56.1%; Pred. No. 1.e-16;
 Query 6712 ATGGGTTGGCTGTATGGGGCTGAGGGAAAGGAGGAACCTGGCTGTGTTACCTG 731
 Db 912 TGGTGCACATTACTTGAGCTGGCCGATGACATCTGT 950

Query Match 7.8%; Score 92.6; DB 4; Length 2435;

Best Local Similarity 56.1%; Pred. No. 1.e-16;
 Matches 170; Best Local Similarity 56.1%; Pred. No. 1.e-16;
 Query 6712 ATGGGTTGGCTGTATGGGGCTGAGGGAAAGGAGGAACCTGGCTGTGTTACCTG 731
 Db 1050 TTGTACACATTACAGAGGCTGAGTCAGGCTGTAGTAGTTCCCTGT 1108

RESULT 8

US-09-023-655-1313
 Sequence 1313, Application US/09023655

GENERAL INFORMATION:
 APPLICANT: Cocks, Benjamin G.
 APPLICANT: Susan G. Stuart
 APPLICANT: Jeffrey J. Seilhamer
 TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 1508
 CORRESPONDEEE ADDRESS:
 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 STREET: 3174 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94304
 MEDIUM TYPE: Floppy diskible
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CURRENT APPLICATION DATA:

RESULT 9

US-09-444-711A-1
 Sequence 1, Application US/09444711A
 Patent No. 6764833
 GENERAL INFORMATION:
 APPLICANT: Yeatman, Timothy J.
 APPLICANT: Irby, Rosalyn B.
 TITLE OF INVENTION: Mutated SRC Oncogene Composition and Methods
 FILE REFERENCE: USF-T136
 CURRENT APPLICATION NUMBER: US/09/444,711A
 CURRENT FILING DATE: 2002-11-13
 NUMBER OF SEQ ID NOS: 7
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 1
 LENGTH: 1611
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)-(1611)
 OTHER INFORMATION: nucleotide sequence of normal c-Src oncogene coding region
 FEATURE:
 NAME/KEY: CDS

Db 1259 TTGTACACATTACTCGAGAGCTGGAGGCTCTGCGCCCTAGTAGTGTCCCTGT 1317

RESULT 12
PCT-US93-06251-77

Sequence 77, Application PC/US9306251

GENERAL INFORMATION:

APPLICANT: Wickstrom, Eric and Rife, Jason P.

TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing

NUMBER OF SEQUENCES: 93

CORRESPONDENCE ADDRESS:

ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
COUNTRY: USA
ZIP: 11540

ATTORNEY/AGENT INFORMATION:

NAME: DigiLio, Frank S.

REFERENCE/DOCKET NUMBER: 31_346

TELECOMMUNICATION INFORMATION:

TELEPHONE: 516-742-4343

TELEFAX: 516-742-4366

TELEX: 230 901 SANS UR

INFORMATION FOR SEQ ID NO: 77:

SEQUENCE CHARACTERISTICS:

LENGTH: 2647 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

PCT-US93-06251-77

CLASSIFICATION:

NAME: Klee, Maurice M.

REFERENCE/DOCKET NUMBER: 30_349

TELECOMMUNICATION INFORMATION:

TELEPHONE: (203) 255 1400

TELEFAX: (203) 254 1101

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 1611

TYPE: NUCLEAR ACID

STRANDEDNESS: Double

TOPOLOGY: Linear

MOLECULE TYPE: cDNA to mRNA

HYPOTHETICAL: No

ANTI-SENSE: No

ORIGINAL SOURCE:

ORGANISM: Homo sapien

POSITION IN GENOME:

CHROMOSOME SEGMENT: Chromosome 20

PUBLICATION INFORMATION:

AUTHORS: Anderson, Stephen K.

AUTHORS: Gibbs, Carol P.

AUTHORS: Tanaka, Akio

AUTHORS: Kung, Hsing-Jien

AUTHORS: Fujita, Donald J.

TITLE: Human Cellular src Gene;

TITLE: Nucleotide Sequence and Derived Amino

TITLE: Acid Sequence of the Region Coding for

TITLE: the Carboxy-Terminal Two-Thirds of

TITLE: PP60c-src

JOURNAL: Molecular and Cellular Biology

VOLUME: 5

ISSUE: 5

PAGES: 1122-1129

DATE: May, 1985

GENERAL INFORMATION:

APPLICANT: Tanaka, Akio

APPLICANT: Gibbs, Carol P.

APPLICANT: Arthur, Richard R.

APPLICANT: Anderson, Stephen K.

APPLICANT: Kung, Hsing-Jien

APPLICANT: Fujita, Donald J.

TITLE: DNA Sequence Encoding the

TITLE: Amino-Terminal Region of the Human c-src

TITLE: Protein: Implications of Sequence

Patent No. 5336615
GENERAL INFORMATION:
APPLICANT: Madri, Joseph A.
APPLICANT: Bell, Leonard
APPLICANT: Warren, Stephen L.
APPLICANT: Luthringer, Daniel J.
TITLE OF INVENTION: Genetically Engineered
Endothelial Cells Exhibiting Enhanced
Migration

TITLE OF INVENTION: and Plasminogen Activator Activity

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: Maurice M. Klee
STREET: 1951 Burr Street
CITY: Fairfield
STATE: Connecticut
COUNTRY: USA
ZIP: 06430

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 2.10
SOFTWARE: Displaywrite 3

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/820,011A
FILING DATE: 19920106
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Klee, Maurice M.
REGISTRATION NUMBER: 30_349
REFERENCE/DOCKET NUMBER: LB-101
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 255 1400
TELEFAX: (203) 254 1101
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1611
TYPE: NUCLEAR ACID
STRANDEDNESS: Double
TOPOLOGY: Linear
MOLECULE TYPE: DNA (genomic)

PCT-US93-06251-77

Query Match 7.7%; Score 91; DB 5; Length 2647;
Best Local Similarity 56.5%; Pred. No. 3 3e-16;
Matches 169; Conservative 0; Mismatches 130; Indels 0; Gaps 0;

Qy 672 ATGGGTGGCTGATGGGCCCTGAGCAGGGAAACTGGTGGTACCTGTTACCTG 731
Db 1019 AGAGTGAGCTTTGGAAACTTGGGGCTCTCATGGGGAGCAGGAGATGGTGGGACGCTATTGTCCTTG 1078
Qy 732 GAAACCTGGAGGGCTCTCATGGGGAGCAGGAGGCTTACTCTGCCTACTCTC 791
Db 1079 GAAACCAAGGAGTACCTTCTATCGGAGTGAACCCAAAGGAGCTATTACAC 1138
Qy 792 TGTCACTGGCTCACTGGGACGGATGATGAAAGGAGCATGGTCAACATTATAATCGA 851
Db 1139 TTCTPATCGTCAATGGGATGATGAAAGGAGCATGGTCAACATTATAATCGA 1198

Qy 852 GCCTTGACAAATGGCTGGCTACATCTACCGCGCCCTACCTTCCTCACCCAGGCC 911
Db 1119 AACTTGAACTGGTGGATACATACATTACACCCGGGCCAGTTGAAACACTTCAGCAGC 1258

Qy 912 TGTTGGAGCAGTACTCTGAGCTGGCGGATGACATCTGCTGCTACTCAAGAGCCGT 970
Db 1259 TTGTACACATTACTCGAGAGAGCTCGAGCTTCAGTGTCCCTGTAGTAGTGTCCCTGT 1317

RESULT 13
US-07-820-011A-3
Sequence 3, Application US/07820011A

; TITLE: Divergence among src-Type Kinase
; TITLE: Oncogenes
; JOURNAL: Molecular and Cellular Biology
; VOLUME: 7
; ISSUE: 5
; PAGES: 1978-1983
; DATE: May, 1987
; US-07-820-011A-3

; Query Match Score 90.8; DB 1; Length 1611;
; Best Local Similarity 51.4%; Pred. No. 2.9e-16;
; Matches 222; Conservative 0; Mismatches 182; Indels 12; Gaps 1;

Qy 556 GAGACTGGGAGCCATTGACCATGCTCTGAGATGGACACTGGCTGGCTGTC 615
Db 318 GAAAGGCAGGGCTTCAGATTGICAACACAGGGAGAGCTGGTGCCTACTC 377
Qy 616 TGAAGTCTCAGGCAAGAGATAAACATCCCAGGTCAGGTGCGCTTAC 663
Db 378 GCTAGCAAGGACAGACAGGCTACATCCCCAGGAAACTGGCTCACTCC 437
Qy 664 AGTCTCCATGGCTGGCTATGAGGGCTGAGCGGAACTGGCT 723
Db 438 CCAGGTGAGAGGTGTATTGGAAAGATCACAGACGGATGAGCGTTACTCT 497
Qy 724 GTTACCTGGGACCCCTGGGGCCCTTCCTCATGGGAGGCCAGGGCTC 783
Qy 744 CAATGAGAGAACCCGAGGGGACCTTCCTGTCGGAGAAAGTGAGCAAGGGTC 557
Db 498 CAATGAGAGAACCCGAGGGGACCTTCCTGTCGGAGAAAGTGAGCAAGGGTC 557
Qy 784 TTACTCTCTGAAACCTGGGGCTCTCTCATGGGAGGCCAGGGCTC 903
Db 558 CTACTGCTCTCAGTGTCTGACTTCAGCAAGGGCTCAACGTGAGGCTACA 617
Qy 844 GATCCACTGGCTGAGTCGGCTCAGGGCTCAACGGCTCAACGGCTACA 677
Db 618 GATCCGAAGTGTGAGCTGGGAGGACATTACTCTGAGCTGGCTTACAGGCT 677
Qy 904 CGAGGCTCTGGTGGGAGGATTAATCTGAGCTGGCTTAC 959
Db 678 GAGACACTGGCTACTACTCAACAGCCATGGCTGTCACGGCTCA 733

; RESULT 15
; PC/TUS93-00445-3
; Sequence 3, Application PC/TUS93-00445
; GENERAL INFORMATION:
; APPLICANT: Bell, Leonard
; ADDRESS: 1000 University Avenue, Suite 100, Seattle, WA 98101
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 760 Kb storage
; COMPUTER: DELL 486/50
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Displaywriter 3
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PC/TUS93-00445
; FILING DATE: 1993-01-05
; ATTORNEY/AGENT INFORMATION:
; NAME: Klee, Maurice M.
; ADDRESS: 1951 Burr Street
; CITY: Fairfield
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06430

; REFERENCE/DOCKET NUMBER: ALX-101PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (203) 254 1101
; TELEFAX: (203) 255 1400
; PRIORITY NUMBER: 07/820,011
; FILING DATE: 06-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Klee, Maurice M.
; ADDRESS: 1951 Burr Street
; CITY: Fairfield
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06430

; REFERENCE/DOCKET NUMBER: ALX-101PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (203) 254 1101
; TELEFAX: (203) 255 1400
; PRIORITY NUMBER: 07/820,011
; FILING DATE: 06-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Klee, Maurice M.
; ADDRESS: 1951 Burr Street
; CITY: Fairfield
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06430

; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: R7S-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 3
; LENGTH: 1611
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(1611)
; US-09-860-473-3

; Query Match Score 90.8; DB 4; Length 1611;
; Best Local Similarity 53.4%; Pred. No. 2.9e-16;
; Matches 222; Conservative 0; Mismatches 182; Indels 12; Gaps 1;

Qy 556 GAGACTGGGAGCCATTGACCATGCTCTGAGGATGAGCTGGCTGGCTC 615
Db 318 GAAAGGGACGGCTCCAGATTGTCACACAGGGAGACTGGCTGGCTGCCAC 377
Qy 616 TGAAGTCTCAGGCAAGAGATAAACATCCCCAGGTCACGTTGCGTGGCT 663

PUBLICATION INFORMATION:

AUTHORS: Anderson, Stephen K.
 AUTHORS: Gibbs, Carol P.
 AUTHORS: Tanaka, Akio
 AUTHORS: Kung, Hsing-Jien
 AUTHORS: Fujita, Donald J.
 TITLE: Human Cellular src Gene:
 Nucleotide Sequence and Derived Amino Acid Sequence of the Region Coding for
 the Carboxy-Terminal Two-Thirds of
 pp60c-src
 JOURNAL: Molecular and Cellular Biology
 VOLUME: 5
 ISSUE: 5
 PAGES: 1122-1129
 DATE: May, 1985
 PUBLICATION INFORMATION:
 AUTHORS: Tanaka, Akio
 AUTHORS: Gibbs, Carol P.
 AUTHORS: Arthur, Richard R.
 AUTHORS: Anderson, Stephen K.
 AUTHORS: Kung, Hsing-Jien
 AUTHORS: Fujita, Donald J.
 TITLE: DNA Sequence Encoding the
 Amino-Terminal Region of the Human c-src
 Protein: Implications of Sequence
 Divergence among src-Type Kinase
 Oncogenes
 JOURNAL: Molecular and Cellular Biology
 VOLUME: 7
 ISSUE: 5
 PAGES: 1978-1983
 DATE: May, 1987
 PCT-US93-00445-3

Query Match 7.7%; Score 90.8; DB 5; Length 161;
 Best Local Similarity 53.4%; Pred. No. 2, 9-e-16;
 Matches 222; Conservative 0; Mismatches 182; Indels 12; Gaps 1;

Qy	556	GAGACTCGGGGACCATGACCAATGACCCATTGCTCTCAGGATGGAGACTGGTGCAGGTGGTC	615
Db	318	GAAGGCCAGGGCTCCAGATTTGCTGAACTACAGGGGCTGCTGCTGCTGCTGCTGCTGCTG	377
Qy	616	TGAAGTCCTAGGGAGAGTATACTATCCCAGCTGATGTTGAACTACAGGGGCTGCTGCTGCTG	663
Db	378	GCTCAGCACGGCACGAGCACGGTACATCCCGCAACTACGTGGCCCTCGACTCCAT	437
Qy	664	AGTCTCCCCATGGGTGGTGTATGGGCCCTGAGCGAGGAGAACGAGGAACCTGCTT	723
Db	438	CCAGGTCTAGGAGTGGTATTCTGGAGATCAACAGATCAACAGGGAGTGAGCTTACTGCT	497
Qy	724	GTTCACCTGGAAACCTGGAGGGCCCTTCCTCTCCGGAGGCCAACCCAGGGCTC	783
Db	498	CAATGCAAGAACCCGAGGGACCTTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	557
Qy	784	TTACTCTGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	843
Db	558	CTACTGCCTCTGCTGCTGACTCTGACAACCCCAAGGCCCTCAAGTGTGAGCACTACAA	617
Qy	844	GATCCACTGGCTTGAACATGGCTGGTGTACATCTCACGGGCCCTCACCTCCCTCACT	903
Db	618	GATCGCAAGTCGAAGGGCGCTTACATCACCTCCCTCACCAAGTCAGGCTT	677
Qy	904	CCGGCCCTGGTGGACCATTACTCTGGCTGGATGACATCTGTGCTACTA	959
Db	678	GGAGCAAGTGTGGTGGCTACTACCTCCAAACATGGCTGCTGCTGCTGCTGCTG	733

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OM nucleic - nucleic search, using bw model

Run on: December 30, 2004, 13:02:59 ; Search time 1145.17 Seconds^b

(without alignments)

5834.821 Million cell updates/sec

Title: US-09-939-853A-74

Perfect score: 1183

Sequence: 1 agcttagatccaaaggacc.....tctttggatgtgcctag 1183

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 4176236 seqs, 2824127955 residues

Total number of hits satisfying chosen parameters: 8352472

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100%

Listing First 45 summaries

Database : Published Applications_NA:^{*}

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2: /cggn2_6/picodata/2/pub/pna/us07_pub.seq;*

3: /cggn2_6/picodata/2/pub/pna/us06_pub.seq;*

4: /cggn2_6/picodata/2/pub/pna/us06_pubcomb.seq;*

5: /cggn2_6/picodata/2/pub/pna/us07_new_pub.seq;*

6: /cggn2_6/picodata/2/pub/pna/pctus_pub.seq;*

7: /cggn2_6/picodata/2/pub/pna/us08_pub.seq;*

8: /cggn2_6/picodata/2/pub/pna/us10_pubcomb.seq;*

9: /cggn2_6/picodata/2/pub/pna/us9_pubcomb.seq;*

10: /cggn2_6/picodata/2/pub/pna/us10_pubcomb.seq;*

11: /cggn2_6/picodata/2/pub/pna/us09_pubcomb.seq;*

12: /cggn2_6/picodata/2/pub/pna/us09_new_pub.seq;*

13: /cggn2_6/picodata/2/pub/pna/us10_pubcomb.seq;*

14: /cggn2_6/picodata/2/pub/pna/us10b_pubcomb.seq;*

15: /cggn2_6/picodata/2/pub/pna/us10c_pubcomb.seq;*

16: /cggn2_6/picodata/2/pub/pna/us10d_pubcomb.seq;*

17: /cggn2_6/picodata/2/pub/pna/us10e_pubcomb.seq;*

18: /cggn2_6/picodata/2/pub/pna/us10_new_pub.seq;*

19: /cggn2_6/picodata/2/pub/pna/us60_new_pub.seq;*

20: /cggn2_6/picodata/2/pub/pna/us60_pubcomb.seq;*

21: /cggn2_6/picodata/2/pub/pna/us60_pubcomb.seq;*

RESULT 1

US-09-939-853A-74

/ Sequence 74, Application US/09/939-853A

; Publication No. US0040039163A1

; GENERAL INFORMATION:

; APPLICANT: Burgess et al.

; TITLE OF INVENTION: No. US20040039163A1 Proteins and Nucleic Acids Encoding Same

; FILE REFERENCE: 21402-099

; CURRENT APPLICATION NUMBER: US/09/939-853A

; CURRENT FILING DATE: 2001-08-27

; PRIOR APPLICATION NUMBER: 60/228,191

; PRIOR FILING DATE: 2000-08-25

; PRIOR APPLICATION NUMBER: 60/267,300

; PRIOR FILING DATE: 2001-02-08

; PRIOR APPLICATION NUMBER: 60/269,961

; PRIOR FILING DATE: 2001-02-20

; PRIOR APPLICATION NUMBER: 60/277,337

; PRIOR FILING DATE: 2001-03-20

; NUMBER OF SEQ ID NOS: 159

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 74

; LENGTH: 1183

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-939-853A-74

Query Match'

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1183; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTAGAGCTCAAGAACCCACGGCTGTCTGTGAGAGCTCAAAGGCCCTGGG 60

Db 1 AGCTAGAGCTCAAGAACCCACGGCTGTCTGTGAGAGCTCAAAGGCCCTGGG 60

Qy 61 CCTTCCCTCCCTGGCTGGCTGTGGAGGTCCCCAGTCAGAACTCCCTAAGGAG 120

^a Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

^b SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1183	100.0	1183	11	US-09-939-853A-74
c 2	1183	100.0	1183	11	US-09-939-853A-76
c 3	784.4	66.3	786	14	US-10-043-649-1
4	784.4	66.3	786	17	US-10-432-746A-4
5	775.4	65.5	864	10	US-09-014-353-21302
6	758.2	64.1	763	9	US-09-867-550-953
7	724.2	61.2	1413	17	US-10-115-335-120
8	661.8	55.9	737	17	US-10-432-746A-6
9	561.4	47.5	1348	17	US-10-432-746A-1
10	535.2	45.2	777	17	US-10-432-746A-2
11	348	29.4	444	9	US-09-867-550-951
12	341	28.8	875	9	US-09-867-550-1915

NAME/KEY:		CDS	
LOCATION:		(1) .. (786)	
OTHER INFORMATION:		us-10-043-649-1	
Query Match			
Qy	Best Local Similarity	66.3%	
	Local Matches	785;	
	Conservative Matches	99.9%;	
	Score	784.4;	
	Pred. No.	1.3e-234;	
	Indels	0;	
	Gaps	0;	
Qy	398	AATGGAACTTCCTCCACAGAGAAAATCTGCCAACGCCCAGCTGAAGTTCCTCTGTC	457
Db	1	ATGGAACTTCCTCCACAGAGAAAATCTGCCAACGCCCAGCTGAAGTTCCTCTGTC	60
Qy	458	CAAGGCCAGGACCTGTGACCATGGAGCAGAGAGAAGCAAGGCCAACAGCTGGCCCTG	517
Db	61	CAAGGCCAGGACCTGTGACCATGGAGCAGAGAGAAGCAAGGCCAACAGCTGGCCCTG	120
Qy	518	GCCAGTTTCCCGCAGTGCCAGCTGGCCAGCTGGCTGAGACTCGGGAGCCATTCGCC	577
Db	121	GCCAGTTTCCCGCAGTGCCAGCTGGCCAGCTGGCTGAGACTCGGGAGCCATTGCC	180
Qy	578	ATGCTCTTGAGGATGSGAATCTGGTGEAAGTGCTGTCAGAGTCTAGGAGAGATA	637
Db	181	ATGCTCTTGAGGATGSGAATCTGGTGEAAGTGCTGTCAGAGTCTAGGAGAGATA	240
Qy	638	AAACATCCCAGGGTCCACGTGGCAAAGTCTCCATGGTCTGTATGAGGGCCCTGAGC	697
Db	241	AAACATCCCAGGGTCCACGTGGCAAAGTCTCCATGGTCTGTATGAGGGCCCTGAGC	300
Qy	698	ACGGAGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	757
Db	301	ACGGAGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	360
Qy	758	CGGGAGGCCAGACAGGAGGAGGCTTAATCTCTGTCAGTGCCTCTAGGGCCCTGCA	817
Db	361	CGGGAGGCCAGACAGGAGGCTTAATCTCTGTCAGTGCCTCTAGGGCCCTGCA	420
Qy	818	TCTCTGGAAACCGGATCAGAACCTACAGGATCCACTGCTGACAATGCTGGCTGTACATC	877
Db	421	TCTCTGGAAACCGGATCAGAACCTACAGGATCCACTGCTGACAATGCTGGCTGTACATC	480
Qy	878	TCAACC GGCCCTACCCCTCCCTCCTACCTCAGGCCCTGTTGGCCATTACTCTGAGCTGGCG	937
Db	481	TCAACC GGCCCTACCCCTCCCTCCTACCTCAGGCCCTGTTGGCCATTACTCTGAGCTGGCG	540
Qy	938	GATGACATCTGTGCCATACTGGAGGCCCTGTGTCCTGCAAGGGTTGGCCGCTCT	997
Db	541	GATGACATCTGTGCCATACTGGAGGCCCTGTGTCCTGCAAGGGTTGGCCGCTCT	600
Qy	998	GGCAAGGATATAACCCCTAACCTGTGACTGTGCAAGGGACCAACTCAACTGGAAAGAGCTG	1057
Db	601	GGCAAGGATATAACCCCTAACCTGTGACTGTGCAAGGGACCAACTCAACTGGAAAGAGCTG	660
Qy	1058	GACAGCTCCCTCCCTGTTCTGAAGTCCCTGCCAACGGGGAGACTCTCACTGAGGT	1117
Db	661	GACAGCTCCCTCCCTGTTCTGAAGTCCCTGCCAACGGGGAGACTCTCACTGAGGGT	720
Qy	1118	CTCCGGGAATGTCCTCAAGCTTACATGAGCTGAAATGCAAGGGCTCTCTTGGATGAT	1177
Db	721	CTCCGGGAATGTCCTCAAGCTTACATGAGCTGAAATGCAAGGGCTCTCTTGGATGAT	780
Qy	1178	GCCTAG 1183	
Db	781	GCCTAG 786	

RESULT 6
US-09-867-550-953
; Sequence 953, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad.
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
; Sequence of These Polynucleotides
; FILE REFERENCE: 21402-013 (Curra-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 953
; LENGTH: 763
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-867-550-953

Query Match 64.1%; Score 758.2; DB 9; Length 763;
Best Local Similarity 99.6%; Pred. No. 2e-226;
Matches 760; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 113 CTAGGAGCATGGGGAGCTTACATCCCTGGTGTACAACACTGCTGACAGAT 172
Db 1 CTATGGAGCATGGGGAGCTTACATCCCTGGTGTACAACACTGCTGACAGAT 60
Qy 173 GCTGAGCTAACCAACCAACCTACGCCCTCCCTGAAGATCCTCCAGGTGAGAGT 232
Db 61 GCTGAGCTAACCAACCAACCTACGCCCTCCCTGAAGATCCTCCAGGTGAGAGT 120
Qy 233 TCTGGGTGCTCTAGGACCAAGGACACTGGGAGACTTCAGAGGGCCCCAAAGCCCTAA 292
Db 121 TCTGGATGTCCTAGGACCAAGGACACTGGGAGACTTCAGAGGGCCCCAAAGCCCTAA 180
Qy 293 CCTGTCAGGCAAGGAGATGGCTTCAGCAAGGCTTCAGCAAGAAC 352

RESULT 7
US-10-115-635-120
; Sequence 120, Application US/10115635
; Publication No. US20040137434A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Zhou, Ping
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Ren, Peiyian
; APPLICANT: Zhang, Jie
; APPLICANT: Zhao, Qing A.
; APPLICANT: Xue, Aidong J.
; APPLICANT: Yang, Yonghong
; APPLICANT: Wehrman, Tom
; APPLICANT: Drmanac, Radivoje T.
; TITLE OF INVENTION: Novel Nucleic Acids and
; Polypeptides
; FILE REFERENCE: 797CON
; CURRENT APPLICATION NUMBER: US/10/115,635
; CURRENT FILING DATE: 2002-04-03
; PRIOR APPLICATION NUMBER: US/09/714,936
; PRIOR FILING DATE: 2000-11-17
; NUMBER OF SEQ ID NOS: 362
; SOFTWARE: pt_FL_Genes Version 2.0
; SEQ ID NO: 120
; LENGTH: 1413
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE: CDS
; NAME/KEY: CDS
; LOCATION: (54)..(686)

TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF OVARIAN CANCER

FILE REFERENCE: MRI-006B

CURRENT APPLICATION NUMBER: US/09/814, 353

CURRENT FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: US 60/191, 031

PRIOR FILING DATE: 2000-03-21

PRIOR APPLICATION NUMBER: US 60/207, 124

PRIOR FILING DATE: 2000-05-25

PRIOR APPLICATION NUMBER: US 60/211, 940

PRIOR FILING DATE: 2000-06-15

PRIOR FILING DATE: 2000-07-07

PRIOR APPLICATION NUMBER: US 60/220, 661

PRIOR FILING DATE: 2000-07-25

PRIOR APPLICATION NUMBER: US 60/257, 672

PRIOR FILING DATE: 2000-12-21

NUMBER OF SEQ ID NOS: 22037

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO: 17314

TYPE: DNA

ORGANISM: Homo sapiens

US-09-814-353-17314

Query Match 18.0%; Score 213.4; DB 10; Length 320;

Best Local Similarity 95.2%; Pred. No. 3.6e-36; Indels 0; Gaps 0;

Matches 220; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 536 GCGCCGGAGACTCTGAGACTCGGGAGCCATTGACCATCGNCTCTGAGGTGGA 595

Db 90 GTCGGCGGGAGCTGTCTGAGACTCGGGAGCCATTGACATCGTCTCTGAGATGGA 149

Qy 596 GACTGGTGACCGCTGCTGAGCTCGGGCTGATGAGGTATAACATCCCAGCTCAC 655

Db 150 GACTGGTGACCGCTGCTGAGCTCGGGCTGATGAGGTATAACATCCCAGCTCAC 209

Qy 656 GTCGCCAAGTCTCCATGGCTGCTGAGCTCGGGCTGATGAGGTATAACATCCCAGCTCAC 715

Db 210 GTCGCCAAGTCTCCATGGCTGCTGAGCTCGGGCTGATGAGGTATAACATCCCAGCTCAC 269

Qy 716 CTCGTRGTTTACCTGGAACTCTGGAGGGCTTCTCATCGGGAGAGC 766

Db 270 CTCGTRGTTTACCTGGAACTCTGGAGGGCTTCTCATCGGGAGAGC 320

RESULT 14

Sequence 499, Application US/0954456

Patent No. US2002011505A1

GENERAL INFORMATION:

APPLICANT: Young, Paul

TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Cancer

FILE REFERENCE: 689290-76

CURRENT APPLICATION NUMBER: US/09/954,456

PRIOR FILING DATE: 2000-09-18

PRIOR APPLICATION NUMBER: US/60/233, 617

PRIOR FILING DATE: 2000-09-20

PRIOR APPLICATION NUMBER: US/60/234, 052

PRIOR FILING DATE: 2000-09-25

PRIOR APPLICATION NUMBER: US/60/235, 134

PRIOR FILING DATE: 2000-09-25

PRIOR APPLICATION NUMBER: US/60/235, 637

PRIOR FILING DATE: 2000-09-26

PRIOR APPLICATION NUMBER: US/60/235, 638

PRIOR FILING DATE: 2000-09-26

PRIOR APPLICATION NUMBER: US/60/235, 711

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: US/60/235, 720

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: US/60/235, 840

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: US/60/235, 863

PRIOR FILING DATE: 2000-09-27

NUMBER OF SEQ ID NOS: 2276

SOFTWARE: PatentIn version 3.0

SEQ ID NO: 499

LENGTH: 2665

TYPE: DNA

ORGANISM: Homo sapiens

US-09-954-456-499

Query Match 13.3%; Score 157.4; DB 9; Length 2665;

Best Local Similarity 54.1%; Pred. No. 2e-38; Indels 18; Gaps 1;

Matches 354; Conservative 0; Mismatches 281; Indels 18; Gaps 1;

Qy 410 CCCAGCAGAAGAAAATCTCGCAAGCCAAAGCTTGAAGTCTCTGCAAGCCAGCGA 469

Db 24 CCAGGGAAAAGAAAAGAAATGGAAAACAGCATGAATCCACCCCTGGCCCTGGAGG 83

Qy 470 CCTGTGACCACATCGAAGCAGAGAAGCAAGGCGAACAGCTGGGAGCTTCTGAGTACACCG 529

Db 84 CCCCTGCCAACCCGAGGGACTGGTAAAGTGAATCCCTGGCTGAGTACACCG 143

Qy 530 GCAGGTGGCCGGCCAGCTGCTGAGACTCGGGAGGCCATTGACATGCTCTGAG 589

Db 144 TCTCTGACATCGGCCCTGGATATTCGCAGGGAGAAACTCGTGTGATTCCTGTAT 203

Qy 590 GATGGAGAGCTGTGAGGGCTGTGAAGTCTCAGGAGATAAACATCCCCAGC 649

Db 204 GAAGGGGCGTGGTGAAGGTATTCTCTGACTGGTCCAGAGTACATCCCTGGA 263

Qy 650 GTTCCACGTGGCCAAAGTCTCCATGGCTGCTGAGGTATAACATCCCAGCAAGAGCA 709

Db 264 ATATGTGGCGAGGTTACATGGCTGGCTGTTGAGGCGCTGAGGAGACGCC 323

Qy 710 GAGGAAGACTGCTGTTACCTGGCTACATCCCTGGAGGGCCCTCTCATCCGGAGGCCAG 769

Db 324 GAGGGAGCTCTACTCTGCTAGTCGGCTCATGGCCCTGAGAGACTGAGTGA 383

Qy 770 ACCAGGAGGAGCTCTACTCTGCTAGTCGGCTCATGGCCCTGAGAGACTGAGTGA 829

Db 384 ACCAGAAAGGGTTTACTACTGCTGGTGAAGACAGAGCA 425

Qy 830 ATCAGACATACAGATCCACTGCTGACATCTACGGCTGTAATCTACGGTACTCATTTCCGAGAACAATGGTACTCATTTCCGAGGCTC 889

Db 426 GTAAGGATTACGGATTTCTGCTGCCAACATGGTACTCATTTCCGAGGCTC 485

Qy 890 ACCTTCCTCCTACCTGGCCCTGGGACATTACTCTGAGCTGGGATGACATCTGC 949

Db 486 ACCTTCAGTCAGTCCTGAGGACTCTGAGGAACTATTCTGAGGTCCTGTGATGGCTGTGC 545

Qy 950 TGCCACTCAGGAGCCCTGCTGAGGGGGCGCCGCTCTGGAAAGGATA 1009

Db 546 TGTGTGTCACCCACGCCCTGCTGACACAAAGCACGGCTGAGACTGAGGCTCC 605

Qy 1010 CCCCTACCTGGTACCTGGACAGGAGCCACTCACTGGAAAGGAGTGGACAG 1062

Db 606 AGCTCACCTGTCACCTGGTACCTGGACAGGAGCTGGGAGTGTCCAG 658

RESULT 15

US-10-172-118-1312

Sequence 1312, Application US/10172118

Publication No. US20030224374A1

GENERAL INFORMATION:

APPLICANT: Dai, Hongye

APPLICANT: He, Yudong

APPLICANT: Linsley, Peter

APPLICANT: Mao, Mao

APPLICANT: Roberts, Chris

APPLICANT: Van 't Veer, Laura

i APPLICANT: Van de Vijver, Marc
 i Bernard, Rene
 i TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Patients
 i FILE REFERENCE: 9301-175-999
 i CURRENT APPLICATION NUMBER: US10/172,118
 i CURRENT FILING DATE: 2002-06-14
 i PRIOR APPLICATION NUMBER: 60/380,770
 i PRIOR FILING DATE: 2002-05-14
 i NUMBER OF SEQ ID NOS: 2699
 i SEQ ID NO: 1312
 i LENGTH: 2665
 i TYPE: DNA
 i ORGANISM: Homo sapiens
 i PUBLICATION INFORMATION:
 i DATABASE ACCESSION NUMBER: NM_006748
 i DATABASE ENTRY DATE: 2001-06-18
 i US-10-172-118-1312

	Query	Match	Score	Length	DB	Indels	Gaps	Best Local Similarity	Pred.	No.	Mismatches	Matches	Conservative
Qy	410	CCCGAGAGAAATACTCTGCCAAGCCCAAGCTTGAGTCCTGTCAAGGCCAGGA	469	157.4	15	18	1	54.2%	2e-38;		0	354	354;
Db	24	CCGGAAAGAAGAAATCGGAAACGATGAAACGGAA	83										
Qy	470	CCTGTGTCACCTTGAACAGAGAACAGAAAGCAGCCAGCAAGCCAGCTGGCAGTTCCCG	529										
Db	84	CCCTTGCCAAACCGGAAAGGGCTGTGATGGCACTTCCTGCCTGCTAAGTGACTACCCG	143										
Qy	530	GCAGGTCGGCGGAGCTGCTGAGCTGGGAACATGGCACTCGGGAGCAATGACATGTCTGAG	589										
Db	144	TCTCCCTGACATAGCCCCCCTGATATTGGCGAGGGAAACCTGGTGTGATTTCAT	203										
Qy	590	GATGGAGACTGGTGGAGCTGCTGAACTGCTCAGGGAGAGACTATACTACATCCCAC	649										
Db	204	GAAGGGCCCTGTGGAAAGGCTTACATGGTGTGTTGAGCTGAGATGATACCTCTGCA	263										
Qy	650	GTCACGGAAAGGCTCCATGGTGGCTGTAAGGGCCCTGAGCAGGGAAAGCA	709										
Db	264	ATATGTTGCGCAGTGTGTTTACATGCTGTTACATGCTGAGACAGGGCA	323										
Qy	710	GAGGAACCTCTGTGTGACCTGGAAACCTCTGAGGGCTCTCATCGGGAGGCCAG	769										
Db	324	GAGGCTGCTGAGCTCCAGACAAAGCTGGTGTGAGTGTGAGTGTGAG	383										
Qy	770	ACCGGAGGGCTCTTACTCTCTGTACTCCCTCTGAGCCCTCATCTGGAACCGG	829										
Db	384	ACCGGAAGGGTTTACATCTGCTGTTACATGCTGAGACAGGGCA-----G	425										
Qy	830	ATCGACATACGGATCACTCCAGCCCTCGTGGACCATTAACCTGACTACATTCCCAGGGCTC	889										
Db	426	GTAAGGATTACCCATTCCTCTGCTGAGACACTGAGACAGGGCTCC	485										
Qy	890	ACCTTCCCTCACTCCAGCCCTCGTGGACCATTAACCTGACTACATTGAGTGGCTGTC	949										
Db	486	ACCTTCCCTGACTGGAGGACCAACTAACCTGAGACCTATTGAGTGGCTGTC	545										
Qy	950	TGCCCTACTGAGGACCCCTGTGCTGAGGGCTGCCCTGCTCCCTGGAAAGGATA	1009										
Db	546	TGTGTGCTCACCCGCCCTGCTGAGACAAAGCAAGCTGGCCCTGAGGTTGAGGGCTCC	605										
Qy	1010	CCCTTACCTGTGACTGTGAGGACCAACTAACCTGAGACTGGCTAGAGAGTGTGACNG	1062										
Db	606	AGCTACCTGTCACCTTGGCTAGAGAGTGTGAGACTGGAGAGTGTCCAG	658										

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OM protein - protein search, using sw model

Run on: December 30, 2004, 16:16:14 ; Search time 24 Seconds
(without alignments)
721.208 Million cell updates/sec

Title: US-09-939-853A-75
1353 Sequence: MGSPRSRKSLPSSV.....RESISFYISLNDEAVSLLDA 261

Scoring table: BLOSUM62 Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:
6: /cgn2_6/ptodata/1/iaa/backFiles_COMB.pep:
*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	370.5	27.4	512	3 US-08-426-509A-16	Sequence 16, App1
2	370.5	27.4	512	4 US-08-426-509A-16	Sequence 16, App1
3	370.5	27.4	512	5 PCT-US95-05008-16	Sequence 16, App1
4	360.5	26.6	505	3 US-08-426-509A-17	Sequence 17, App1
5	360.5	26.6	505	4 US-08-426-509A-17	Sequence 17, App1
6	360.5	26.6	505	5 PCT-US95-05008-17	Sequence 17, App1
7	352.5	26.1	504	4 US-09-038-05008-17	Sequence 1170, App1
8	344.5	25.5	499	3 US-08-426-509A-19	Sequence 19, App1
9	344.5	25.5	499	4 US-08-426-509A-19	Sequence 19, App1
10	344.5	25.5	499	5 PCT-US95-05008-19	Sequence 19, App1
11	340	25.1	508	4 US-09-038-05008-19	Sequence 1, App1
12	340	25.1	509	3 US-09-038-05008-17	Sequence 1170, App1
13	340	25.1	509	3 US-08-426-509A-18	Sequence 18, App1
14	340	25.1	509	3 US-09-045-040B-8	Sequence 8, App1
15	340	25.1	509	4 PCT-US95-05008-18	Sequence 18, App1
16	340	25.1	509	5 PCT-US95-05008-18	Sequence 18, App1
17	315.5	23.3	536	4 US-09-038-09-859	Sequence 859, App1
18	315.5	23.3	537	3 US-08-426-509A-11	Sequence 11, App1
19	315.5	23.3	537	4 US-08-426-509A-18	Sequence 11, App1
20	315.5	23.3	537	5 PCT-US95-05008-11	Sequence 11, App1
21	315.5	23.3	543	3 US-08-426-509A-14	Sequence 14, App1
22	315.5	23.3	543	4 US-08-426-509A-14	Sequence 14, App1
23	315.5	23.3	543	4 US-09-410-881-8	Sequence 8, App1
24	315.5	23.3	543	4 US-09-038-02-870	Sequence 870, App1
25	315.5	23.3	543	5 PCT-US95-05008-14	Sequence 14, App1
26	313.5	23.2	496	2 US-09-006-675-2	Sequence 2, App1
27	313.5	23.2	496	3 US-09-228-603A-2	Sequence 2, App1

ALIGNMENTS

RESULT 1
US-08-426-509A-16
; Sequence 16, Application US/08426509A
; Patent No. 6126469
GENERAL INFORMATION:
/ APPLICANT: Ullrich, Axel
/ APPLICANT: Gishizky, Mikhail
/ APPLICANT: Sures, Irman G.
/ TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
/ TITLE OF INVENTION: TYROSINE KINASES
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS: 21
/ ADDRESSEES: Pennie & Edmonds
/ STREET: 1155 Avenue of the Americas
/ CITY: New York,
/ STATE: NY
/ COUNTRY: USA
/ ZIP: 10036-2711
COMPUTER READABLE FORM:
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ MEDIUM TYPE: Diskette
/ SOFTWARE: FASTSEQ Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/426, 509A
/ FILING DATE: 21-APR-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/232, 545
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 7683-0074-999
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 212-790-9090
/ TELEFAX: 212-869-9741
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 16:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 512 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: unknown
/ TOPOLOGY: unknown
/ MOLECULE TYPE: No. 6326469e
/ US-08-426-509A-16
Query Match 27.4%; Score 370.5; DB 3; Length 512;
Best Local Similarity 39.8%; Pred. No. 2.2e-31;
Matches 80; Conservative 36; Mismatches 76; Indels 9; Gaps 3;

Qy 6 SRRKSLPPSLSSSVQGQQPVITMEAERSKATAVALGSFPAGPAAELSLRLGEPLTIVSED 65
 Db 38 SNKQRPVPE-SQLLPGQFQDPEEQDIVVALLYDGHFDLDFSKFKGKMKVLEEH 96

Qy 66 GDWTVLSEVSGREYNTIPSVHVGKV---SHGMWYEGLSREKAELLPGNPGGAFLIR 121
 Db 97 GEWWAKSLLTKEFIPSNYVAKLNTLETEWFFKDTRKDAEROLLPGNSAGAFLIR 156

Qy 122 ESQTRGGSYSLSVRSLSPASWDRTRHYRTHCLDNGWLYTSPLRTFSLOALVDHYSELLAD 181
 Db 157 ESETLGSFSLSVRDPEQDVGDVKGDKYKRSLDNGYYISPRTRFCISDMIKHYQKQAD 216

Qy 182 DICCLKEPCVLRQAGPLPK 202
 Db 217 GLCRRLKEACI---SPKPQK 233

RESULT 3
 PCT-US95-05008-16
 Sequence 16, Application PC/TUS9505008

GENERAL INFORMATION:
 APPLICANT: Sugen, Inc.
 ADDRESS: 515 Galveston Drive
 CITY: Redwood City, California 94063-4720
 STATE: United States of America
 COUNTRY: Wissenschaften B.V.
 ZIP: 94031

APPLICANT: Hoegarten Str. 2
 ADDRESS: Munich 80539
 CITY: Germany
 TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine Kinases

NUMBER OF SEQUENCES: 21

SEQUENCE ADDRESS:
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/05008
 FILING DATE: 24-APR-1995
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 7683-074
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)790-9090
 TELEFAX: (212)869-9741
 TELEX: 66141 PENNIE 16:

INFORMATION FOR SEQ ID NO: 16:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 512 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein

US-08-232-545-16

Query Match 27.4%; Score 370.5; DB 4; Length 512;
 Best Local Similarity 39.8%; Pred. No. 2.2e-31;
 Matches 80; Conservative 36; Mismatches 76; Indels 9; Gaps 3;

Qy 6 SRRKSLPPSLSSSVQGQQPVITMEAERSKATAVALGSFPAGPAAELSLRLGEPLTIVSED 65
 Db 38 SNKQRPVPE-SQLLPGQFQDPEEQDIVVALLYDGHFDLDFSKFKGKMKVLEEH 96

Qy 66 GDWTVLSEVSGREYNTIPSVHVGKV---SHGMWYEGLSREKAELLPGNPGGAFLIR 121
 Db 97 GEWWAKSLLTKEFIPSNYVAKLNTLETEWFFKDTRKDAEROLLPGNSAGAFLIR 156

Query Match 27.4%; Score 370.5; DB 5; Length 512;
 Best Local Similarity 39.8%; Pred. No. 2.2e-31;
 Matches 80; Conservative 36; Mismatches 76; Indels 9; Gaps 3;

Qy 6 SRRKSLPPSLSSSVQGQQPVITMEAERSKATAVALGSFPAGPAAELSLRLGEPLTIVSED 65
 Db 38 SNKQRPVPE-SQLLPGQFQDPEEQDIVVALLYDGHFDLDFSKFKGKMKVLEEH 96

Qy 66 GDWTVLSEVSGREYNTIPSVHVGKV---SHGMWYEGLSREKAELLPGNPGGAFLIR 121
 Db 97 GEWWAKSLLTKEFIPSNYVAKLNTLETEWFFKDTRKDAEROLLPGNSAGAFLIR 156

Qy 122 ESQTGRRGSSVLSRPAWSMDRIRHYRHLDNGWLYISPRLTFFSLQALVDHYSELAD 181
 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
 Db 157 ESETLKGSFSLSVRSVDDPVRGCDVHYKIRSLDNGGYISPRITPCISDMIKHVKQAD 216
 Qy 182 DICCLIKEPKCVLQRAGPLPK 202
 Db 217 GLCRRLERAKI----SPKPKQ 233

RESULT 4
 US-08-426-509A-17
 Sequence 17, Application US/08426509A
 Patent No. 6326469
 GENERAL INFORMATION:
 APPLICANT: Ulrich, Axel
 APPLICANT: Gishizsky, Mikhail
 APPLICANT: Sures, Irman G.
 TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
 TITLE OF INVENTION: TYROSINE KINASES
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York,
 STATE: NY
 COUNTRY: USA
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/426,509A
 FILING DATE: 21-APR-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/232,545
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 7683-0074-999
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-790-9090
 TELEX: 212-869-9741
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 505 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 US-08-426-509A-17

Query Match 26 6%; Score 360 5; DB 3; Length 505;
 Best Local Similarity 41.6%; Pred. No. 2.6e-30;
 Matches 77; Conservative 31; Mismatches 70; Indels 7; Gaps 2;

Qy 12 PPSPLISSVQGQGPMTMEARSKATAVALCSFPGCPAELSLRGCEPLTIVSDQDWTVY 71
 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
 Db 40 PGPNHNS---NTPGIREAGSDIIVVLYDYBAIHHEDISFQGDQMVLEESGEWKA 96
 Qy 72 LSEVGGRNTEPVHGVKV---SIGWLYEGLSRRAEELLLPENPGGAFLREQTER 127
 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
 Db 97 RSLATRKEGYIPSNTVARVDSLETETWFFGKISRDAEROLLAPNMLGSFMIRDSETK 156
 Qy 128 GSYSLSVRLSRPAWSMDRIRHYRHLDNGWLYISPRLTFFSLQALVDHYSELADDICLL 187
 Db 157 GSYSLSVRLSRPAWSMDRIRHYRHLDNGWLYISPRITPCISDMIKHVKQAD 216
 Qy 188 KEPCV 192

APPLICANT: Sugen, Inc. ; GENERAL INFORMATION:
 APPLICANT: 515 Galveston Drive ; APPLICANT: Giot, Loic ;
 APPLICANT: Redwood City, California 94063-4720 ; APPLICANT: Mansfield, Traci A.
 APPLICANT: United States of America ; APPLICANT: TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
 APPLICANT: Wissenschaften B.V. ; FILE REFERENCE: 15966-542
 APPLICANT: Hofgarten Str. 2 ; CURRENT APPLICATION NUMBER: US/09/538, 092
 APPLICANT: Munich 80539 ; CURRENT FILING DATE: 2000-03-29
 APPLICANT: Germany ; PRIORITY APPLICATION NUMBER: 60/127, 352
 TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine ; PRIORITY FILING DATE: 1999-04-01
 NUMBER OF SEQUENCES: 21 ; PRIORITY APPLICATION NUMBER: 60/178, 965
 CORRESPONDENCE ADDRESS: PENNIE & EDMONDS ; PRIORITY FILING DATE: 2000-04-01
 STREET: 1155 Avenue of the Americas ; NUMBER OF SEQ ID NOS: 1387
 CITY: New York ; SOFTWARE: CuraPatSeqFormatter Version 0.9
 STATE: New York ; SEQ ID NO: 1170
 COUNTRY: U.S.A. ; LENGTH: 504
 ZIP: 10036 ;
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.1, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/05008
 FILING DATE: 24-APR-1995
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/232, 545
 FILING DATE: 22-APR-1994
 CLASIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: CORUZZI, Laura A. ;
 REGISTRATION NUMBER: 30, 742
 REFERENCE/DOCKET NUMBER: 7683-074
 TELECOMMUNICATION INFORMATION:
 TELEFAX: (212) 750-9050
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 17 :
 SEQUENCE CHARACTERISTICS:
 LENGTH: 505 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 PCT-US95-05008-17

Query Match 26.6% ; Score 360.5 ; DB 5 ; Length 505 ;
 Best Local Similarity 41.6% ; Prod. No. 2.6e-30 ; Indels 7 ; Gaps 2 ;
 Matches 77 ; Conservative 31 ; Mismatches 70 ;

QY 12 PSPLSLSSVQGQVPTMRSKATAVLGSFPAGGPDAELSRIGEPLTIVSEGDWWTV 71
 Db 40 PGPNHNS --NTGIRAGSEDIVVLYDEAIIHEDLSQKGDMVVLEESGRWKA 96

Query Match 26.6% ; Score 360.5 ; DB 5 ; Length 505 ;
 Best Local Similarity 41.6% ; Prod. No. 2.6e-30 ; Indels 7 ; Gaps 2 ;
 Matches 77 ; Conservative 31 ; Mismatches 70 ;

QY 72 LSEVSGREYNIPSYHVGKV --- SHGNYLEYGLSREKAEFLLLPGNPGAFKIRBOTRR 127
 Db 97 RSLATRKGIVPSNVARYDSLSEEWFKGIRKDARQLPAGNMFLMIRDSETTK 156

Query Match 26.1% ; Score 352.5 ; DB 4 ; Length 504 ;
 Best Local Similarity 43.6% ; Prod. No. 1.9e-10 ; Indels 5 ; Gaps 2 ;
 Matches 75 ; Conservative 24 ; Mismatches 68 ;

QY 25 PYTMEEAERSKATAVLAGSFPAAGGPDAELSRIGEPLTIVSEGDWWTVLSSEVSREYNIPSY 84
 Db 50 PDEDEHLDKEDKHVVVADYDYMNDLQMLKGEBKLQVLKGTDWMILARSLVLTGREGYVPS 109

Query Match 26.1% ; Score 352.5 ; DB 4 ; Length 504 ;
 Best Local Similarity 43.6% ; Prod. No. 1.9e-10 ; Indels 5 ; Gaps 2 ;
 Matches 75 ; Conservative 24 ; Mismatches 68 ;

QY 85 VHVGKVS --- HGWLVEGLSREKAEFLLLPGNPGAFLIREQTRGYSLSVLSRPA 140
 Db 110 NPYARVESLEMERWFPSQGRKEAEFQLLAPINKASFLRESETKGASLSVK-DVTT 168

Query Match 26.1% ; Score 352.5 ; DB 4 ; Length 504 ;
 Best Local Similarity 43.6% ; Prod. No. 1.9e-10 ; Indels 5 ; Gaps 2 ;
 Matches 75 ; Conservative 24 ; Mismatches 68 ;

QY 141 SWDRIRHYRHCLDGMLYISPLRTPSLSQALVDHYSELADDICCLKEPCV 192
 Db 169 QGELIRHKYKIRCLDEGGYYISPRITPSLQALVQHYSKGDKGLCQLTLPCV 220

RESULT 8
 US-08-426-509A-19
 Sequence 19, Application US/08426509A
 ; Sequence 19, Application US/08426509A
 ; Patent No. 6326469
 ; GENERAL INFORMATION:
 ; APPLICANT: Ulrich, Axel
 ; APPLICANT: Gishizky, Mikhail
 ; APPLICANT: Sures, Irman G.
 ; APPLICANT: Giashizky, Mikhail
 ; APPLICANT: Ulrich, Axel
 ; APPLICANT: Sures, Irman G.
 ; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pennie & Edmonds
 ; STREET: 1155 Avenue of the Americas
 ; CITY: New York,
 ; STATE: NY
 ; COUNTRY: USA
 ; ZIP: 10036-2711
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/426, 509A
 ; FILING DATE: 21-APR-1995
 ; CLASSIFICATION: 435
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 08/232, 545
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Coruzzi, Laura A.
 ; REGISTRATION NUMBER: 30, 742
 ; Patent No. 6753314

RESULT 7
 US 09-538-092-1170
 Sequence 1170, Application US/09538092
 ; Patent No. 6753314

REFERENCE/DOCKET NUMBER: 7683-0074-999
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-790-9090
 TELEFAX: 212-869-9741
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 499 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-232-545-19

Query Match 25.5%; Score 344.5; DB 4; Length 499;
 Best Local Similarity 36.0%; Pred. No. 1.4e-28;
 Matches 80; Conservative 32; Mismatches 73; Indels 37; Gaps 4;

Query 1 MGSLPSRRKSLPSPSSVQGQPV-----TMBAERSK 34
 Db 1 MGLISSKRQ-----VSEKGKGSVVKIRTQDKAPPPLPLVVFNHLAPPSPNQDPDDEB 54

Query 35 ATAVALGSPPAGGPAAELSLRLGEPLTIVSEDGDWMTVLSEVSGREYNIPSVHVGKVS--- 91
 Db 55 RFVVALFEDYAAVNDRDLQVLTGEGRGGYVPENFVAPVETLE 114

Query 92 -HGMLYEGLSREKAELLIPGPNPGFAFLIRESQTRRGSSYLSVRLSRPASWDRIRHYRI 150
 Db 115 VEKFHFRITSRKDAEROLLAPMNRKASFLIRESENKGAFSLSVK-DITTGEVVKHYKI 173

Query 151 HCLDNGWLYTSRPLTFPSLQALVDHYSELADDICCLKEPCV 192
 Db 174 RSLDNGYYISPRITFTQLVKGLOVLSTGDLARLVTGREGYVSNFVAPVETLE 215

RESULT 10
 PCT US95-05008-19
 ; Sequence 19, Application PC/TUS9505008
 ; GENERAL INFORMATION:
 ; APPLICANT: Sugen, Inc.
 ; APPLICANT: 515 Galveston Drive
 ; APPLICANT: Redwood City, California 94063-4720
 ; APPLICANT: United States of America
 ; APPLICANT: Wissenschaften B.V.
 ; APPLICANT: Hofgarten Str. 2
 ; APPLICANT: München 80339
 ; APPLICANT: Germany
 ; TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS: Kinases
 ; ADDRESSEE: Pennie & Edmonds
 ; STREET: 1155 Avenue of the Americas
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: U.S.A.
 ; ZIP: 10036
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/232,545
 ; PILING DATE: 22-APR-1994
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Coruzzi, Laura A.
 ; REGISTRATION NUMBER: 30,742
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (212)790-9090
 ; TELEX: (212)869-9741
 ; INFORMATION FOR SEQ ID NO: 19:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 499 amino acids

Query 1 MGSLPSRRKSLPSPSSVQGQPV-----TMBAERSK 34
 Db 1 MGLISSKRQ-----VSEKGKGSVVKIRTQDKAPPPLPLVVFNHLAPPSPNQDPDDEB 54

Query 35 ATAVALGSPPAGGPAAELSLRLGEPLTIVSEDGDWMTVLSEVSGREYNIPSVHVGKVS--- 91
 Db 55 RFVVALFEDYAAVNDRDLQVLTGEGRGGYVPENFVAPVETLE 114

Query 92 -HGMLYEGLSREKAELLIPGPNPGFAFLIRESQTRRGSSYLSVRLSRPASWDRIRHYRI 150
 Db 115 VEKFHFRITSRKDAEROLLAPMNRKASFLIRESENKGAFSLSVK-DITTGEVVKHYKI 173

Query 151 HCLDNGWLYTSRPLTFPSLQALVDHYSELADDICCLKEPCV 192
 Db 174 RSLDNGYYISPRITFTQLVKGLOVLSTGDLARLVTGREGYVSNFVAPVETLE 215

RESULT 10
 PCT US95-05008-19
 ; Sequence 19, Application PC/TUS9505008
 ; GENERAL INFORMATION:
 ; APPLICANT: Sugen, Inc.
 ; APPLICANT: 515 Galveston Drive
 ; APPLICANT: Redwood City, California 94063-4720
 ; APPLICANT: United States of America
 ; APPLICANT: Wissenschaften B.V.
 ; APPLICANT: Hofgarten Str. 2
 ; APPLICANT: München 80339
 ; APPLICANT: Germany
 ; TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS: Kinases
 ; ADDRESSEE: Pennie & Edmonds
 ; STREET: 1155 Avenue of the Americas
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: U.S.A.
 ; ZIP: 10036
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US95/05008
 ; PILING DATE: 24-APR-1995
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/232,545
 ; PILING DATE: 22-APR-1994
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Coruzzi, Laura A.
 ; REGISTRATION NUMBER: 30,742
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (212)790-9090
 ; TELEX: (212)869-9741
 ; INFORMATION FOR SEQ ID NO: 19:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 499 amino acids

TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 PCT-US95-05008-19

Query Match 25.5%; Score 344.5; DB 5; Length 499;
 Best Local Similarity 36.0%; Pred. No. 1.e-28;
 Matches 80; Conservative 32; Mismatches 73; Indels 37; Gaps 4;

Qy 1 MGSLPSRRLSPSPSSVQGCPV-----TMEAERSK 34
 Db 1 MGLLSSKRQ-----VSERGKGWSPVKLRTQDKAPPLPLPVLVHNLAQSPNQDPDDEE 54

Qy 35 ATAVALGSPPAGGPBLSRLRGEPTIVEBDGDWTIVSVESGREINIPSVHGRVS-- 91
 Db 55 RFWVALFDAAVNDBDLQLQVLTGKLOVLESTGDWLARSVLTGREGVYPSNFVAPVTELE 114

Qy 92 -HGMLYEGLSREKAELLLPGNPGCAFLIREQSTRGGSYSLSVRLSPASWRIRHYR 150
 Db 115 VEKWFRTISKDARQQLLAPMNKAGSFLLRESESNKGFSLSKR-DITQGEWKHYK 173

Qy 151 HCLDGWLYIISPRLETPSPSQALVDHYSELADDICCLLKEPCV 192
 Db 174 RSLDNCGYYTSPPRFPTQALQVQHYSKKEKGDCOKLTIPCV 215

RESULT 11
 US-09-862-154-1
 ; Sequence 1, Application US/09862154
 ; Patent No. 6589758
 ; GENERAL INFORMATION:
 ; APPLICANT: Zhu, Xiaotian
 ; TITLE OF INVENTION: Crystal of a Kinase-Ligand Complex and Methods of Use
 ; CURRENT FILING DATE: 2001-05-21
 ; FILE REFERENCE: Atty. Docket No. 6589758: A-749
 ; NUMBER OF SEQ ID NOS: 1
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 1
 ; LENGTH: 508
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-862-154-1

Query Match 25.1%; Score 340; DB 4; Length 508;
 Best Local Similarity 40.6%; Pred. No. 4.e-28;
 Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

Qy 26 VTMEEAERSKAT-----AVALGSPPAGGPBLSRLRGEPTIVSEDGDWMTVLSVSGRE 79
 Db 48 VTEGSNPASPQDNLVIALHSYEPSHDQIGFERGEQLRILEQSGENWKAQSLTTGQE 107

Qy 80 YNIPSVHVGKVS---HGMLYEGLSREKAELLLPGNPGCAFLIREQSTRGGSYSLSR 135
 Db 108 GFIPFNFTAKANSLEPEPFKNLRSRDAEROLLATGNTQSFLIREESTAGSFSLR 167

RESULT 12
 US-09-039-555B-17
 ; Sequence 17, Application US/09039555B
 ; Patent No. 6033856
 ; GENERAL INFORMATION:
 ; APPLICANT: Koernt, Kathrin
 ; APPLICANT: Mueller, Rolf
 ; APPLICANT: Sadlacek, Hans-Harald
 ; TITLE OF INVENTION: PROMOTER OF THE CDC25B GENE, ITS PREPARATION AND USE
 ; NUMBER OF SEQUENCES: 19

Correspondence Address:
 ADDRESSEE: Foley & Lardner
 STREET: 3000 K Street, N.W., Suite 500
 CITY: Washington
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20007-1109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/039, 555B
 FILING DATE: 16-MAR-1998
 CLASSIFICATION: 514
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: DE 19710643.9
 FILING DATE: 14-MAR-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Bent, Stephen A.
 REGISTRATION NUMBER: 29,768
 REFERENCE DOCKET NUMBER: 016779/0131
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 672-5300
 TELEFAX: (202) 672-5399
 TELEX: 904136
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 509 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-039-555B-17

Query Match 25.1%; Score 340; DB 3; Length 509;
 Best Local Similarity 40.6%; Pred. No. 4.4e-28;
 Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

Qy 26 VTMEEAERSKAT-----AVALGSPPAGGPBLSRLRGEPTIVSEDGDWMTVLSVSGRE 79
 Db 49 VTEGGSNPASPQDNLVIALHSYEPSHDQIGFERGEQLRILEQSGENWKAQSLTTGQE 108

Qy 80 YNIPSVHVGKVS---HGMLYEGLSREKAELLLPGNPGCAFLIREQSTRGGSYSLSR 135
 Db 109 GFIPFNFTAKANSLEPEPFKNLRSRDAEROLLATGNTQSFLIREESTAGSFSLR 168

RESULT 13
 US-08-42-509A-18
 ; Sequence 18, Application US/08426509A
 ; Patent No. 6326459
 ; GENERAL INFORMATION:
 ; APPLICANT: Ulrich,, Axel
 ; APPLICANT: Gishinsky, Mikhail
 ; APPLICANT: Suss,, Irman G.
 ; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
 ; NUMBER OF INVENTION: TYROSINE KINASES
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pennie & Edmonds
 ; STREET: 1155 Avenue of the Americas
 ; CITY: New York,
 ; STATE: NY
 ; COUNTRY: USA
 ; ZIP: 10036-2711
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,509A
FILING DATE: 21-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/232,545
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 509 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
US-08-426-509A-18

Query Match 25.1%; Score 340; DB 3; Length 509;
Best Local Similarity 40.6%; Pred. No. 4.4e-28;
Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

Qy 26 VTMEEERSKAT----AVALGSFPAGGPAAELSLRLGEPLTIVSEDGDMWTVLSEVSGRE 79
Db 49 VTYEGSNPPASPLQDNLVIAHHSYEPHDGDFERQKQLRQGEWWKAQSUTTGQE 108

Qy 80 YNIPSYHVGKV\$---HGWLYLEGLSRKEAELLPGNPGGAFLIRESPQRGSYSLSVR 135
Db 109 GFIPFNFKVANSLEPWFPKNLRSRDAERQLLAQCNTHGSFLIREESTAGSFSLSVR 168

Qy 136 LSRPASWDRHYRHLNDGMWLYISPRLTFFPSLQALVDHYSLEADDICCLKEPCVLR 195
Db 169 DFDQNQGEVVKHYKIRNLNDGGFYISPRITFGHLVRHYTNASDGLCTRSLRCPQTQK 228

RESULT 14
US-09-457-040B-8
Sequence 8, Application US/09457040B
GENERAL INFORMATION:
APPLICANT: Vertex Pharmaceuticals Incorporated
TITLE OF INVENTION: Crystallized P38 Complexes
FILE REFERENCE: VPI/98-14
CURRENT APPLICATION NUMBER: US/09/457,040B
CURRENT FILING DATE: 1999-12-08
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn version 3.0
SEQ ID NO 8

Query Match 25.1%; Score 340; DB 3; Length 509;
Best Local Similarity 40.6%; Pred. No. 4.4e-28;
Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

Qy 26 VTMEEERSKAT----AVALGSFPAGGPAAELSLRLGEPLTIVSEDGDMWTVLSEVSGRE 79
Db 49 VTYEGSNPPASPLQDNLVIAHHSYEPHDGDFERQKQLRQGEWWKAQSUTTGQE 108

Qy 80 YNIPSYHVGKV\$---HGWLYLEGLSRKEAELLPGNPGGAFLIRESPQRGSYSLSVR 135
Db 109 GFIPFNFKVANSLEPWFPKNLRSRDAERQLLAQCNTHGSFLIREESTAGSFSLSVR 168

Qy 136 LSRPASWDRHYRHLNDGMWLYISPRLTFFPSLQALVDHYSLEADDICCLKEPCVLR 195
Db 169 DFDQNQGEVVKHYKIRNLNDGGFYISPRITFGHLVRHYTNASDGLCTRSLRCPQTQK 228

Query Match 25.1%; Score 340; DB 3; Length 509;
Best Local Similarity 40.6%; Pred. No. 4.4e-28;
Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

Qy 26 VTMEEERSKAT----AVALGSFPAGGPAAELSLRLGEPLTIVSEDGDMWTVLSEVSGRE 79
Db 49 VTYEGSNPPASPLQDNLVIAHHSYEPHDGDFERQKQLRQGEWWKAQSUTTGQE 108

Qy 80 YNIPSYHVGKV\$---HGWLYLEGLSRKEAELLPGNPGGAFLIRESPQRGSYSLSVR 135
Db 109 GFIPFNFKVANSLEPWFPKNLRSRDAERQLLAQCNTHGSFLIREESTAGSFSLSVR 168

Qy 136 LSRPASWDRHYRHLNDGMWLYISPRLTFFPSLQALVDHYSLEADDICCLKEPCVLR 195
Db 169 DFDQNQGEVVKHYKIRNLNDGGFYISPRITFGHLVRHYTNASDGLCTRSLRCPQTQK 228

Search completed: December 30, 2004, 18:00:13
Job time : 26 secs

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OM protein - protein search, using sw model

Run on: December 30, 2004, 17:48:14 ; Search time 532 Seconds
(without alignments)

Perfect score: 1353

Sequence: 1 MGSPRSRKSLPSSLSSV.....RESLFYISLNDEAVSLLDA 261

Title: US-09-939-853A-75

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1599051 seqs, 359727711 residues

Total number of hits satisfying chosen parameters: 1599051

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:
 1: /cgns_6/picodata/2/pubpaas/us07_PUBCOMB.pep:
 2: /cgns_6/picodata/2/pubpaas/us05_NEW_PUB.pep:
 3: /cgns_6/picodata/2/pubpaas/us06_NEW_PUB.pep:
 4: /cgns_6/picodata/2/pubpaas/us07_PUBCOMB.pep:
 5: /cgns_6/picodata/2/pubpaas/PCTUS_PUBCOMB.pep:
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 8: /cgns_6/picodata/2/pubpaas/US09_PUBCOMB.pep:
 9: /cgns_6/picodata/2/pubpaas/us09a_PUBCOMB.pep:
 10: /cgns_6/picodata/2/pubpaas/us05_PUBCOMB.pep:
 11: /cgns_6/picodata/2/pubpaas/us09c_PUBCOMB.pep:
 12: /cgns_6/picodata/2/pubpaas/us09_NEW_PUB.pep:
 13: /cgns_6/picodata/2/pubpaas/us10a_PUBCOMB.pep:
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 16: /cgns_6/picodata/2/pubpaas/us10d_PUBCOMB.pep:
 17: /cgns_6/picodata/2/pubpaas/us10_NEW_PUB.pep:
 18: /cgns_6/picodata/2/pubpaas/us11_NEW_PUB.pep:
 19: /cgns_6/picodata/2/pubpaas/us60_NEW_PUB.pep:
 20: /cgns_6/picodata/2/pubpaas/us60_PUBCOMB.pep:
 RESULT 1
 US-09-939-853A-75

Sequence 75, Application US-09939853A
 Publication No. US2004039163A1
 GENERAL INFORMATION:
 APPLICANT: BURGESS et al.
 TITLE OF INVENTION: No. US2004039163A1 Proteins and Nucleic Acids Encoding Same
 FILE REFERENCE: 21402-099
 CURRENT APPLICATION NUMBER: US-09/939-853A
 CURRENT FILING DATE: 2001-08-27
 PRIOR APPLICATION NUMBER: 60/228,191
 PRIOR FILING DATE: 2000-08-25
 PRIOR APPLICATION NUMBER: 60/267,300
 PRIOR FILING DATE: 2001-02-08
 PRIOR APPLICATION NUMBER: 60/269,961
 PRIOR FILING DATE: 2001-02-20
 PRIOR APPLICATION NUMBER: 60/277,337
 NUMBER OF SEQ ID NOS: 159
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 75
 LENGTH: 261
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-939-853A-75

Query Match 100.0%; Score 1353; DB 11; Length 261;
 Best Local Similarity 100.0%; Pred. No. 1, 4e-121;
 Matches 261; Conservative 0; Mismatches 0; Indels 0;

Qy 1 MGSLPSRKSLPSLSSVYOGQGVTEARSKATAVALGSFPGCPAELSLRIGEPLT 60
 Db 1 MGSLPSRKSLPSLSSVYOGQGVTEARSKATAVALGSFPGCPAELSLRIGEPLT 60

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query Match	Length	DB ID	Description
1	1353	100.0	261 11 US-09-939-853A-75	Sequence 75, Appl
2	1347	99.6	261 11 US-09-939-853A-77	Sequence 77, Appl
3	1347	99.6	261 14 US-10-143-649-2	Sequence 2, Appl
4	1347	99.6	261 16 US-10-432-746A-5	Sequence 5, Appl
5	1036	76.6	197 11 US-09-939-853A-78	Sequence 78, Appl
6	1028	76.0	259 16 US-10-132-746A-3	Sequence 3, Appl
7	9345	69.1	210 16 US-10-432-746A-7	Sequence 7, Appl
8	826	61.0	159 9 US-09-867-550-954	Sequence 954, Appl
9	7475	55.2	179 11 US-09-139-853A-79	Sequence 79, Appl
10	586	43.3	113 9 US-09-867-550-1916	Sequence 1916, Appl
11	4915	36.3	281 11 US-09-939-853A-80	Sequence 80, Appl
12	4815	35.6	276 9 US-09-810-759-64	Sequence 64, Appl
13	4815	35.6	276 10 US-09-751-708A-64	Sequence 64, Appl

RESULT 2
 US-09-939-853A-77
 ; Sequence 77, Application US/09939853A
 ; GENERAL INFORMATION:
 ; APPLICANT: Burgess et al.
 ; FILE REFERENCE: No. US20040039163A1
 ; CURRENT APPLICATION NUMBER: US/09/939,853A
 ; CURRENT FILING DATE: 2001-08-27
 ; PRIOR APPLICATION NUMBER: 6/0/228,191
 ; PRIOR FILING DATE: 2000-08-25
 ; PRIOR APPLICATION NUMBER: 6/0/267,300
 ; PRIOR FILING DATE: 2001-02-08
 ; PRIOR APPLICATION NUMBER: 6/0/269,961
 ; PRIOR FILING DATE: 2001-02-20
 ; PRIOR APPLICATION NUMBER: 6/0/277,337
 ; PRIOR FILING DATE: 2001-03-20
 ; NUMBER OF SEQ ID NOS: 159
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 77
 ; LENGTH: 261
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-939-853A-77

Query Match 99.6%; Score 1347; DB 11; Length 261;
 Best Local Similarity 99.6%; Pred. No. 5.2e-121;
 Matches 260; Conservative 0; Gaps 0;
 Indels 0;

Qy 1 MGSLPSRKSLPSLSSVQGGPVTMEARSKATAVALGSPAGGPAAELRLGEPLT 60
 Db 1 MGSLPSRKSLPSLSSVQGGPVTMEARSKATAVALGSPAGGPAAELRLGEPLT 60

Qy 61 IYSEGDWTVLSEVSGREYNIPSPVHGVSHGWLYEGSLSREKAELLPGNPGCAFLI 120
 Db 61 IYSEGDWTVLSEVSGREYNIPSPVHGVSHGWLYEGSLSREKAELLPGNPGCAFLI 120

Query Match 99.6%; Score 1347; DB 11; Length 261;
 Best Local Similarity 99.6%; Pred. No. 5.2e-121;
 Matches 260; Conservative 0; Gaps 0;
 Indels 0;

Qy 121 RESQTRGSYSISVRLSPASDRIRHYRHLCLDNGWLYISPRLTFFSLSQALVDHYSELA 180
 Db 121 RESQTRGSYSISVRLSPASDRIRHYRHLCLDNGWLYISPRLTFFSLSQALVDHYSELA 180

Qy 181 DDICCLLKEPCVLRAGLPKGDIPLPLPVTVQRTPLNKELDSSLFSEAAATGEESLLSEG 240
 Db 181 DDICCLLKEPCVLRAGLPKGDIPLPLPVTVQRTPLNKELDSSLFSEAAATGEESLLSEG 240

Qy 241 LRESLSFYISLNDEAVSLDDA 261
 Db 241 LRESLSFYISLNDEAVSLDDA 261

RESULT 3
 US-10-043-649-2
 ; Sequence 2, Application US/10043649
 ; Publication No. US20030059824A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Holland, Sacha J.
 ; APPLICANT: Mendenhall, Marcy K.

RESULT 6
US-10-432-746A-3

Query Match 99.6%; Score 1347; DB 16; Length 261;
Best Local Similarity 99.6%; Pred. No. 5; 2e-121;
Matches 260; Conservative 0; Mismatches -1; Indels 0; Gaps 0;

Qy 1 MGSLPSRRRSKSLPSPSLSSYQOGQPVTMEEAERSKATAVALGSFPAGGPAAELSLRIGEPLT 60
Db 1 MGSLPSRRRSKSLPSPSLSSYQOGQPVTMEEAERSKATAVALGSFPAGGPAAELSLRIGEPLT 60

Qy 61 IVSEGDDWNTVLSSENGRENNIPTYAVGKSHGMLYEGISREKAELLILLPGNPGAFLL 120
Db 61 IVSEGDDWNTVLSSENGRENNIPTYAVGKSHGMLYEGISREKAELLILLPGNPGAFLL 120

Qy 61 RESQTRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELA 120
Db 61 RESQTRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELA 120

Qy 121 RESQTRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELA 180
Db 121 RESQTRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELA 180

Qy 181 DDICCLJKPCFCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEG 240
Db 181 DDICCLJKPCFCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEG 240

Qy 241 LRESLSFYISLNDAEVSLDDA 261
Db 241 LRESLSFYISLNDAEVSLDDA 261

Query Match 76.0%; Score 1028; DB 16; Length 259;
Best Local Similarity 79.4%; Pred. No. 2.6e-90;
Matches 208; Conservative 16; Mismatches 34; Indels 4; Gaps 3;

Qy 1 MGSLPSRRRSKSLPSPSLSSYQOGQPVTMEEAERSKATAVALGSFPAGGPAAELSLRIGEPLT 60
Db 1 MGSLPSRRRSKSLPSPSLSSYQOGQPVTMEEAERSKATAVALGSFPAGGPAAELSLRIGEPLT 59

Qy 61 IVSEDIDWWNTVLSSEVGRENNIPSYHVGVSHGMLYEGISREKAELILLPGNPGAFLL 120
Db 60 IVSEDIDWWNTVLSSEVGRENNIPSYHVGVSHGMLYEGISREKAELILLPGNPGAFLL 119

Qy 121 RESQTRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELA 160
Db 120 RESQTRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELA 179

Qy 181 DDICCLJKPCFCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEG 239
Db 180 DGICCPREPFCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEG 239

Qy 240 GLRESLSFYISLNDAEVSLDDA 261
Db 240 GLRESLSFYISLNDAEVSLDDA 259

RESULT 7
US-10-432-746A-7

Query Match 99.5%; Score 1036; DB 11; Length 197;
Best Local Similarity 99.5%; Pred. No. 3e-91;
Matches 196; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 65 DGDWWTLSSEVGREBNINPSVHGVSHGMLYEGISREKAELLILLPGNPGAFIREQ 124
Db 1 DGDWWTLSSEVGREBNINPSVHGVSHGMLYEGISREKAELLILLPGNPGAFIREQ 60

Qy 125 TRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELAADDIC 184
Db 61 TRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELAADDIC 120

Qy 185 CLKEPCVLCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEGRLS 244
Db 121 CLKEPCVLCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEGRLS 180

Qy 245 LSPYFISLNDAEVSLDDA 261
Db 181 LSPYFISLNDAEVSLDDA 197

Query Match 69.1%; Score 934.3; DB 16;
Best Local Similarity 88.9%; Pred. No. 1.9e-81;

Qy 1 MGSLPSRRRSKSLPSPSLSSYQOGQPVTMEEAERSKATAVALGSFPAGGPAAELSLRIGEPLT 60
Db 1 MGSLPSRRRSKSLPSPSLSSYQOGQPVTMEEAERSKATAVALGSFPAGGPAAELSLRIGEPLT 60

Qy 61 IVSEGDDWNTVLSSENGRENNIPTYAVGKSHGMLYEGISREKAELLILLPGNPGAFLL 120
Db 61 IVSEGDDWNTVLSSENGRENNIPTYAVGKSHGMLYEGISREKAELLILLPGNPGAFLL 120

Qy 121 RESQTRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELA 180
Db 121 RESQTRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELA 180

Qy 181 DDICCLJKPCFCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEG 240
Db 181 DDICCLJKPCFCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEG 240

Qy 241 LRESLSFYISLNDAEVSLDDA 261
Db 241 LRESLSFYISLNDAEVSLDDA 261

Query Match 76.0%; Score 1028; DB 16; Length 259;
Best Local Similarity 79.4%; Pred. No. 2.6e-90;
Matches 208; Conservative 16; Mismatches 34; Indels 4; Gaps 3;

Qy 1 MGSLPSRRRSKSLPSPSLSSYQOGQPVTMEEAERSKATAVALGSFPAGGPAAELSLRIGEPLT 60
Db 1 MGSLPSRRRSKSLPSPSLSSYQOGQPVTMEEAERSKATAVALGSFPAGGPAAELSLRIGEPLT 59

Qy 61 IVSEDIDWWNTVLSSEVGRENNIPSYHVGVSHGMLYEGISREKAELILLPGNPGAFLL 120
Db 60 IVSEDIDWWNTVLSSEVGRENNIPSYHVGVSHGMLYEGISREKAELILLPGNPGAFLL 119

Qy 121 RESQTRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELA 160
Db 120 RESQTRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELA 179

Qy 181 DDICCLJKPCFCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEG 239
Db 180 DGICCPREPFCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEG 239

Qy 240 GLRESLSFYISLNDAEVSLDDA 261
Db 240 GLRESLSFYISLNDAEVSLDDA 259

RESULT 7
US-10-432-746A-7

Query Match 99.5%; Score 1036; DB 11; Length 197;
Best Local Similarity 99.5%; Pred. No. 3e-91;
Matches 196; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 65 DGDWWTLSSEVGREBNINPSVHGVSHGMLYEGISREKAELLILLPGNPGAFIREQ 124
Db 1 DGDWWTLSSEVGREBNINPSVHGVSHGMLYEGISREKAELLILLPGNPGAFIREQ 60

Qy 125 TRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELAADDIC 184
Db 61 TRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELAADDIC 120

Qy 185 CLKEPCVLCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEGRLS 244
Db 121 CLKEPCVLCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEGRLS 180

Qy 245 LSPYFISLNDAEVSLDDA 261
Db 181 LSPYFISLNDAEVSLDDA 197

Query Match 69.1%; Score 934.3; DB 16;
Best Local Similarity 88.9%; Pred. No. 1.9e-81;

Qy 1 MGSLPSRRRSKSLPSPSLSSYQOGQPVTMEEAERSKATAVALGSFPAGGPAAELSLRIGEPLT 60
Db 1 MGSLPSRRRSKSLPSPSLSSYQOGQPVTMEEAERSKATAVALGSFPAGGPAAELSLRIGEPLT 60

Qy 61 IVSEGDDWNTVLSSENGRENNIPTYAVGKSHGMLYEGISREKAELLILLPGNPGAFLL 120
Db 61 IVSEGDDWNTVLSSENGRENNIPTYAVGKSHGMLYEGISREKAELLILLPGNPGAFLL 120

Qy 121 RESQTRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELA 180
Db 121 RESQTRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELA 180

Qy 181 DDICCLJKPCFCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEG 240
Db 181 DDICCLJKPCFCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEG 240

Qy 241 LRESLSFYISLNDAEVSLDDA 261
Db 241 LRESLSFYISLNDAEVSLDDA 261

Query Match 76.0%; Score 1028; DB 16; Length 259;
Best Local Similarity 79.4%; Pred. No. 2.6e-90;
Matches 208; Conservative 16; Mismatches 34; Indels 4; Gaps 3;

Qy 1 MGSLPSRRRSKSLPSPSLSSYQOGQPVTMEEAERSKATAVALGSFPAGGPAAELSLRIGEPLT 60
Db 1 MGSLPSRRRSKSLPSPSLSSYQOGQPVTMEEAERSKATAVALGSFPAGGPAAELSLRIGEPLT 59

Qy 61 IVSEDIDWWNTVLSSEVGRENNIPSYHVGVSHGMLYEGISREKAELILLPGNPGAFLL 120
Db 60 IVSEDIDWWNTVLSSEVGRENNIPSYHVGVSHGMLYEGISREKAELILLPGNPGAFLL 119

Qy 121 RESQTRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELA 160
Db 120 RESQTRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELA 179

Qy 181 DDICCLJKPCFCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEG 239
Db 180 DGICCPREPFCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEG 239

Qy 240 GLRESLSFYISLNDAEVSLDDA 261
Db 240 GLRESLSFYISLNDAEVSLDDA 259

RESULT 7
US-10-432-746A-7

Query Match 99.5%; Score 1036; DB 11; Length 197;
Best Local Similarity 99.5%; Pred. No. 3e-91;
Matches 196; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 65 DGDWWTLSSEVGREBNINPSVHGVSHGMLYEGISREKAELLILLPGNPGAFIREQ 124
Db 1 DGDWWTLSSEVGREBNINPSVHGVSHGMLYEGISREKAELLILLPGNPGAFIREQ 60

Qy 125 TRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELAADDIC 184
Db 61 TRGGSYSLSYLRSRPAWSDRIRHYRIHCLNGWLYISPRLTFSIQLALVDHYSELAADDIC 120

Qy 185 CLKEPCVLCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEGRLS 244
Db 121 CLKEPCVLCVLQDAGPLPKDIPLPVTVQRTPLWKELDSLSSLFSEATGEESLLSEGRLS 180

Qy 245 LSPYFISLNDAEVSLDDA 261
Db 181 LSPYFISLNDAEVSLDDA 197

RESULT 11
Db 62 VQRTPLNKELDSLTLTSEATGESELSLSEGRELSESSLFYISLNDEAVSLDDA 113
RESULT 11
US-09-939-853A-80
; Publication No. US20040039165A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: 214-02-099
; FILE REFERENCE: US/09/939-853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIORITY FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIORITY FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIORITY FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIORITY FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 80
; LENGTH: 281
; TYPE: PRT
; ORGANISM: Mus musculus
us-09-939-853A-80

Query Match 36.3%; Score 491.5; DB 11; Length 281;
Best Local Similarity 43.6%; Pred. No. 1.1e-38; Mismatches 38; Indels 29; Gaps 7;
Matches 115; Conservative 38; Mismatches 82; Indels 29; Gaps 7;
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
Qy 9 KSLPSPS--LSSVQGQPVTMEAERSKATAVALGSFPAAGPAELSRLGEPLTIVS 65
Db 6 KSTPPSPRPLSS-----EGLESDFLV-LTDYPSDIPSPIRGERKLVTSDE 55
Qy 66 GDMWTVLSEVSREYNIPSVHNGVSHGWLVEGLSREKAELLLGNGGAFLREST 125
Db 56 GGWWKATSLSTGRSYYPGICARVYHGWLPEGLGRDKAEBELLQLPDTKGSMIRESET 115
Qy 126 RRGSYSLSVRLSRPASWDRIRYRHCL DNGWLYISPRITFPLSNLQALDHYSELADDIC 185
Db 116 KKGPFYSLVR-----HRQVKHYRIFPLPNWYYISPLTFQCLBLVTHSEVADGLCC 169
Qy 186 LLKEPCVYQR----AGPLPGKDIPLPVTVQRTPLNKELDSLFSSEATG---EBSL 236
Db 170 VLTTPCQAQNIPAPTSHPSPCTSPGSPVTLRQTKFDWKRVSRLOEGSEGAEANPURVEDSL 229
Qy 237 LSEGLRSLSFYISL-NDEAVSLD 259
Db 230 FSYGLAREIASVSLTGDDSSFFD 253

RESULT 12
US-09-870-759-64
; Sequence 64, Application US/09870759
; Patent No. US2002017551A1
; GENERAL INFORMATION:
; APPLICANT: TERMAN, David S
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
; FILE REFERENCE: 870759
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: US 60/208,128
; NUMBER OF SEQ ID NOS: 166
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 64
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Homo sapiens

RESULT 14

RESULT 12
US-09-870-759-64
Query Match 35.6%; Score 481.5; DB 9; Length 276;
Best Local Similarity 40.3%; Pred. No. 1.1e-37; Mismatches 43; Indels 8; Gaps 4;
Matches 102; Conservative 43; Mismatches 85; Indels 8; Gaps 4;
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
Qy 9 KSLPSPSLSVQGQPVTMEAERSKATAVALGSFPAAGPAELSRLGEPLTIVS 68
Db 6 KSTPPA-----BRPLPNPEGLSDFLAVLSDPSDIPSPIRGERKLVTSDEGGW 58
Qy 69 WTVLSEVSREYNIPSVHNGVSHGWLVEGLSREKAELLLGNGGAFLREST 128
Db 59 WKAISLSTGRSYYPGICARVYHGWLPEGLGRDKAEBELLQLPDTKGSMIRESETKKG 118
Qy 129 SYSLSVRLSRPASWDRIRYRHCL DNGWLYISPRITFPLSNLQALDHYSELADDICLLK 188
Db 119 FYSLSV-----HRQVKHYRIFPLPNWYYISPLTFQCLBLVTHSEVADGLCCVLT 172
Qy 189 EPCVYORAGPLPGKDIPLPVTVQRTPLNKELDSLFSSEATG-----EBSLSEGL 241
Db 173 TPCLQSTAAPAVRASSSPVTLRQTKFDWKRVSR-----LQDPEGTBNPLGVDESFSYGL 229
Qy 242 RESLSFYISLND 254
Db 230 RESIASYSLTSE 242

RESULT 13
US-09-751-708A-64
; Sequence 64, Application US/09751708A
; Publication No. US20030157113A1
; GENERAL INFORMATION:
; APPLICANT: TERMAN, David S
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
Qy 69 WTVLSEVSREYNIPSVHNGVSHGWLVEGLSREKAELLLGNGGAFLREST 68
Db 6 KSTPPA-----BRPLPNPEGLSDFLAVLSDPSDIPSPIRGERKLVTSDEGGW 58
Qy 129 SYSLSVRLSRPASWDRIRYRHCL DNGWLYISPRITFPLSNLQALDHYSELADDICLLK 188
Db 119 FYSLSV-----HRQVKHYRIFPLPNWYYISPLTFQCLBLVTHSEVADGLCCVLT 172
Qy 189 EPCVYORAGPLPGKDIPLPVTVQRTPLNKELDSLFSSEATG-----EBSLSEGL 241
Db 173 TPCLQSTAAPAVRASSSPVTLRQTKFDWKRVSR-----LQDPEGTBNPLGVDESFSYGL 229

US-09-939-851A-81
 Sequence 81, Application US/09939853A
 Publication No. US20040039163A1
 GENERAL INFORMATION:
 APPLICANT: Burgess et al.
 FILE REFERENCE: No. US20040039163A1 Proteins and Nucleic Acids Encoding Same
 CURRENT APPLICATION NUMBER: US/09/939, 853A
 CURRENT FILING DATE: 2001-08-27
 PRIOR APPLICATION NUMBER: 60/228,191
 PRIOR FILING DATE: 2000-08-25
 PRIOR APPLICATION NUMBER: 60/267,300
 PRIOR FILING DATE: 2001-02-08
 PRIOR APPLICATION NUMBER: 60/269,961
 PRIOR FILING DATE: 2001-02-20
 PRIOR APPLICATION NUMBER: 60/277,337
 PRIOR FILING DATE: 2001-03-20
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 81
 LENGTH: 276
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-939-853a-81

Query Match 35.6%; Score 481.5; DB 11; Length 276;
 Best Local Similarity 40.3%; Pred. No. 1.1e-37; Indels 23; Gaps 4;
 Matches 102; Conservative 43; Mismatches 85; Index 85; Type: PRT
 Organism: Homo sapiens
 US-10-043-649-3

Query Match 35.6%; Score 481.5; DB 14; Length 276;
 Best Local Similarity 40.3%; Pred. No. 1.1e-37; Indels 23; Gaps 4;
 Matches 102; Conservative 43; Mismatches 85; Index 85; Type: PRT
 Organism: Homo sapiens

Qy 9 KSLPSPSLSVQQGQPVTMEASRKAVALGSPPAGGAELSLRLGEPLTIVSEBDGDW 68
 Db 6 KSTPAPA-----ERPLPNPEGLDSDFLAVLSDYPSPDISPIRGERKLVISDEGGW 58
 Qy 69 WTVLSEVSGREYNIPSYHGVSHGMYLEGLSREKEELLLPGNNGGAFLIRESQTRRG 128
 Db 59 WKAIISLSTGRSISYIGCIVARVHGWLFEGGRDAEELLQLPDKVGSFMIRESETKG 118
 Qy 129 SYSLSVRLRSRASWDIIRHYRHICLDNGLYISPLRTFPSIQLVDHYSELADDICCLK 188
 Db 119 FYSLSTR-----HRQVKHTRIFLPNNWYISPLTFQCLEDLVNHYSEVADGLCCWT 172
 Qy 129 SYSLSVRLRSRASWDIIRHYRHICLDNGLYISPLRTFPSIQLVDHYSELADDICCLK 188
 Db 119 FYSLSTR-----HRQVKHTRIFLPNNWYISPLTFQCLEDLVNHYSEVADGLCCWT 172
 Qy 189 EPCVLQRAGPLPGKDIPPLPTVQRTPLNKELDSSLLFSEATG-----EESILSBCG 241
 Db 173 TPCLTQSTAAPAVRASSSPVTLRQKIVDMWRVRSR--LQEDPEGTINPLGTDSEFSYGL 229
 Qy 242 RESLSFYISLND 254
 Db 230 RESIASYSLTSE 242
 Search completed: December 30, 2004, 18:13:20
 Job time : 540 secs

RESULT 15
 US-10-043-649-3
 Sequence 3, Application US/10043649
 Publication No. US20030059924A1
 GENERAL INFORMATION:
 APPLICANT: Holland, Sacha J.
 APPLICANT: Mendenhall, Marcy K.
 APPLICANT: Pardo, Jorge
 APPLICANT: Spencer, Collin
 APPLICANT: Fu, C. Alan
 APPLICANT: Luo, Ying
 APPLICANT: Payan, Donald G.
 APPLICANT: Mancebo, Helena S.Y.
 APPLICANT: Wu, Jun
 APPLICANT: Zhou, Xiulan
 APPLICANT: Shen, Mary
 APPLICANT: Liao, X. Charlene
 APPLICANT: Sheng, Ning
 TITLE OF INVENTION: Cloning of a No. US20030059924A1 Inhibitor of Antigen-receptor
 TITLE OF INVENTION: Retroviral-based Functional Screen
 FILE REFERENCE: A-70219-1/RMS/DHR
 CURRENT APPLICATION NUMBER: US/10/043,649
 CURRENT FILING DATE: 2002-01-10

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OM protein - nucleic search, using frame_Plus_P2n model

Run on: December 30, 2004, 18:00:09 ; Search time 102 Seconds
(without alignments)

1818.783 Million cell updates/sec

Title: US-09-939-853a-75

Perfect score: 1353

Sequence: MGSLPSRKRSLPSSLSSV.....RESLSFYVISLNDEAVSLLDA 261

Scoring table: BLOSSUM62

Xgapext 10.0 , Ygapext 0.5
Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 824501 seqs, 355394411 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing First 45 summaries

Command line parameters:

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-Q=/sgn2_1/USPTO_spool/US09939853/runat_30122004_130437_18911/app/query.fasta_1.455
-DB=Issued_Patents_NA
-QFNIT=fastap -SUFFIX=xrni -MINMATCH=0.1 -LOOPCL=0
-LOOPTXT=-UNITS=Dits
-START=1 -END=-1 -MATHX=dlossum2 -TRANS=human40 .cdi
-LIST=45 -DOCALIGN=000 -THR SCORE=oct -THR MAX=100 -THR MIN=0 -ALIGN=L5
-MODE=LOCAL -OUTFORMAT=pcdo -NORM=ext -HEAPSIZE=B=500 -MINLEN=0 -MAXLEN=2000000000
-NO MMAP -LARGEQUERY -NEG SCORES=0 -WAIT =DSTBLOCK=100 -LONGLOG
-DEV TIMEOUT=120 -WARN TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPPOP=6
-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7
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Database : Issued_Patents_NA:^{*}

- 1: /cggn2_6/picodata/1/ina/5A COMB seq:*
- 2: /cggn2_6/picodata/1/ina/5B COMB seq:*
- 3: /cggn2_6/picodata/1/ina/6A COMB seq:*
- 4: /cggn2_6/picodata/1/ina/6B COMB seq:*
- 5: /cggn2_6/picodata/1/ina/PCPTUS COMB seq:*
- 6: /cggn2_6/picodata/1/ina/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description
1	370.5	27.4	2298	4	US-09-023-655-1158		Sequence 1158, Ap
2	360.5	26.6	2015	4	US-09-023-655-1105		Sequence 1105, Ap
3	340.5	25.1	2129	4	US-09-016-134-1452		Sequence 1452, Ap
4	323	23.9	2435	4	US-09-023-655-1313		Sequence 1313, Ap
5	320	23.7	2647	4	US-09-020-132-77		Sequence 77, Ap
6	320	23.7	2647	4	PCT-US53-06251-77		Sequence 77, Ap
7	315.5	23.3	4517	4	US-09-470-881-7		Sequence 7, Ap
8	315.5	23.3	4517	5	PCT-US53-0651-83		Sequence 83, Ap
9	313.5	23.2	1491	2	US-09-006-675-1		Sequence 1, Ap
10	313.5	23.2	1491	3	US-09-228-603A-1		Sequence 1, Ap
11	312.5	23.1	2354	4	US-09-023-655-1080		Sequence 1080, Ap
12	310.5	22.9	3258	4	US-09-741-238-24		Sequence 24, Ap

ALIGNMENTS

RESULT 1 US-09-023-655-1158 ; Sequence 1158, Application US/0923655

; Patent No. 660789 ; General Information:

; APPLICANT: Cocks, Benjamin G.

; ATTORNEY/AGENT INFORMATION:

; APPLICANT: Susan G. Stewart

; APPLICANT: Jeffrey J. Seilhamer

; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE

; NUMBER OF SEQUENCES: 1508

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

; STREET: 3114 PORTER DRIVE

; CITY: PALO ALTO

; STATE: CALIFORNIA

; COUNTRY: USA

; ZIP: 94304

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/023, 655

; FILING DATE: HERBWTH

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: :

; FILING DATE: :

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: Zeller, Karen J.

; REGISTRATION NUMBER: 37, 071

; REFERENCE/DOCKET NUMBER: PA-0001 US

; TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 855-0555
 TELEFAX: (650) 845-4166
 INFORMATION FOR SEQ ID NO: 1158:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2298 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: GENBANK
 CLONE: 9187268
 US-09-023-655-1158

Alignment Scores:
 Pred. No.: 5.47e-31 Length: 2298
 Score: 370.50 Matches: 80
 Percent Similarity: 57.71% Conservative: 36
 Best Local Similarity: 39.38% Mismatches: 76
 Query Match: 4 Indels: 9
 DB: Gaps: 3

US-09-939-853A-75 (1-261) x US-09-023-655-1158 (1-2298)

Qy 6 SerArgGlySerLeuProSerProSerLeuSerSerValGlnGlyGlnGlyPro 25
 ||| ::||| :||| ::||| :||| ::||| :||| ::||| :||| ::||| :|||
 Db 409 TCCAAATAACGCAAAAGCCAGTTCAGAACGGAGCATTTGCTGTACCCPATGCG 525

Qy 26 ValThrMetGluAlaGluWtArgSerLysAlaIthrAlaValAlaLeuGlySerPheProAla 45
 ||| ::||| :||| ::||| :||| ::||| :||| ::||| :||| ::||| :||| ::|||
 Db 466 CAACTAAAGATTCAGGAGAACAGGAGAACAGGAGAACAGGAGAACAGGAG 525

Qy 46 GlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThrIleValSerGluAsp 65
 ||| ::||| :||| ::||| :||| ::||| :||| ::||| :||| ::||| :||| ::|||
 Db 526 ATCCACCGGAGGACTTGCTTCAAGAAGGAGAAATGAAGTCCTGGAGGAT 585

Qy 66 GlyAspDPrTrpThrValLeuSerGluValSerGlyArgGluTyrAsnIleProSerVal 85
 ||| ::||| :||| ::||| :||| ::||| :||| ::||| :||| ::||| :||| ::|||
 Db 586 GGAGATGGTGAANGCAACTCACACCTTAGAAACAGGTTAACAAAACAAGCTCATCCCCAAC 645

Qy 86 HisvalGlyLysVal-----SerHisGlyTripleUtyGluGlyLeuSerIg 101
 ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::|||
 Db 646 TAGTGGCCAACTCACACCTTAGAAACAGGTTAACAAAACAAGCTCATCCCCAAC 705

Qy 102 GluLysAlaGluGluLeuLeuProGlyAlaLeuLeuLeuIg 121
 ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::|||
 Db 706 AAGGACCGAGAAAGGAGCTTGGACIAGGAAATAGGCTGAGCTTCCTTATG 765

Qy 122 GluSerGlnThrArgArgGlySerTyrSerLeuSerIargLeuSerArgProAlaSer 141
 ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::|||
 Db 766 GAAAGCTAACATTAAAGGAGATCTCTGTCAGAGACTTTGACCCCTGTGCAT 825

Qy 142 TrpAspArg91IearGlyIstYrArgIleHisCysLeuAspGlyTyrPheUtyIleSer 161
 ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::|||
 Db 826 GGTGATGTTATAAGCCACTAAATAATTAGAATGTCGATATGGGGCTTACATCT 885

Qy 162 ProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisIstYrSerGluLeuAlaAsp 181
 ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::|||
 Db 886 CCAGGAATTCATTTCCCTGATCAGGACATGATTAACATTACCAAAGCAGCT 945

Qy 182 AspIleCysCysLeuLeuLysGluProCysValLeuGlnArgAlaGlyProLeuProGly 201
 ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::|||
 Db 946 GGTTGTCAGAGATTTGAGAGCTTGTAT-----AGTCCAAGCCACAG 993

Qy 202 Lys 202
 Db 994 AAG 996

RESULT 2
 US-09-023-655-1105
 Sequence 1105, Application US/09023655
 Patent No. 6607879
 GENERAL INFORMATION:
 APPLICANT: Cockes, Benjamin G.

APPLICANT: Susan G. Stuart
 APPLICANT: Jeffrey J. Seilhamer
 TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
 NUMBER OF SEQUENCES: 1508
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 STREET: 3174 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94304

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/023,655
 FILING DATE: HEREWITH
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Zeller, Karen J.
 REGISTRATION NUMBER: 37,071
 REFERENCE/DOCKET NUMBER: PA-0001 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 855-0555
 TELEX/FAX: (650) 845-4166
 INFORMATION FOR SEQ ID NO: 1105:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2015 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: GENBANK
 CLONE: 9183911
 US-09-023-655-1105

Alignment Scores:
 Pred. No.: 5.75e-30 Length: 2015
 Score: 360.50 Matches: 77
 Percent Similarity: 58.38% Conservative: 31
 Best Local Similarity: 41.62% Mismatches: 70
 Query Match: 26.64% Indels: 7
 DB: 4
 Gaps: 2

US-09-939-853A-75 (1-261) x US-09-023-655-1105 (1-2015)

Qy 12 ProSerProSerLeuSerSerValGlnGlyProValThrMetGluAlaGlu 31
 ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::|||
 Db 286 CGGGGCCATTAATGCCACACAGC 336

Qy 32 ArgSerLysAlaValAlaLysGluSerProAlaGlyProAlaGlyProAlaGly 51
 ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::|||
 Db 337 TCTGGGACATCATCTGCTGTTGCCCTGATGATTAACGAGGACAGCTC 396

Qy 52 SerLeuArgLeuGlyGluProLeuThrIleValSerGluAspGlyAspTPTPThrVal 71
 ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::|||
 Db 397 AGCTCCAGGAGGACAGATGGTCTCTAGGAAATCTGGGAGATGGCTGAGGCT 456

Qy 72 LeuSerGluValSerGlyArgGluTyrAsnIleProSerValIhsvalGlyIysval--- 90
 ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::|||
 Db 457 CGATCCCTGCCAACCGGAGGEGPACATCCAAAGAAACTATGRCGCCCGTGTGAC 516

Qy 91 -----SerHsGlyTripletUtyGluGlyLeuSerArgGluLysAlaGluGluLeu 107
 ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::|||
 Db 517 TCTCTGGAGAGCAGGAGCTGCTTTCAGGGCATACGGAGACAGGCCAA 576

QY 108 LeuIleLeuProGlyAsnProGly-GlyAlaPhelIleArgGluSerGlnThrArg 127
 DB 577 CTGGCTTCCGGAAACATGCTGGCTCCCTCATGATCCGGATAAGCCTCAGC 756

QY 128 GlySerIleSerLeuSerValArgLeuSerArgProAlaSerIlePheGlyArgHis 147
 DB 637 GGAACTACTTCTTCGGCGAACATGCTGGCTCCCTCATGATCCGGATAAGCCTCAGC 756

QY 148 TyrArgIleIleCysSerLeuAspAsnIleTriPheIleSerProArgLeuThrPhePro 167
 DB 697 TACAGATCCGACCTGGACAACGGGGTCTCATATCCCCGAAGCACCTCAGC 756

QY 168 SerIleGlnAlaLeuValAspHisIleSerGluLeuAlaAspIleCysIleLeu 187
 DB 757 ACTTGAGAGTGTTGGACCACTACAAGGGAAACAGGGCTTGCCAGAACTG 816

QY 188 LysGluProCysVal 192
 DB 817 TCGGTGCCCCCTGCATC 831

RESULT 3
 US-09-016-434-1452
 ; Sequence 1452, Application US/09016434
 ; Patent No. 6500938

; GENERAL INFORMATION:
 ; APPLICANT: Janice Au-Young
 ; ADDRESS: Jeffrey J. Seilhamer
 ; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
 ; TITLE OF INVENTION: PATHWAY GENE EXPRESSION
 ; NUMBER OF SEQUENCES: 14/90
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 ; STREET: 3174 PORTER DRIVE
 ; CITY: PALO ALTO
 ; STATE: CALIFORNIA
 ; COUNTRY: USA
 ; ZIP: 94104

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: FLOPPY disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/016.434
 ; FILING DATE: HEREWITH
 ; CLASSIFICATION:
 ; PRIOR APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Zeller, Karen J.
 ; REGISTRATION NUMBER: 37,071
 ; REFERENCE/DOCKET NUMBER: PA-0002 US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (650) 845-0555
 ; TELEFAX: (650) 845-4166
 ; INFORMATION FOR SEQ ID NO: 1452:
 ; LENGTH: 2129 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; IMMEDIATE SOURCE:
 ; LIBRARY: GENBANK
 ; CLONE: G775207

US-09-016-434-1452
 Alignment Scores:
 Pred. No.: 1.2e-27
 Score: 340.00
 Percent Similarity: 55.0%
 Best Local Similarity: 40.56%
 Conservative: 26
 Mismatches: 71
 Length: 2129
 Matches: 73

```

NAME: Zeller, Karen J.          : 37, 071
REGISTRATION NUMBER:          : PA-0001 US
REFERENCE DOCKET NUMBER:      :
TELECOMMUNICATION INFORMATION: :
TELEPHONE: (650) 855-0555      :
TELEFAX: (650) 845-166         :
SEQUENCE CHARACTERISTICS:    :
IMMEDIATE SOURCE:           : 1313:
LIBRARY: GENBANK             :
CLONE: 9338227              :
US-09-023-655-1313          :

Alignment Scores:
Pred. No.:          1.16e-25
Score:            323.00
Percent Similarity: 51.74%
Best Local Similarity: 40.30%
Query Match:       23.87%
DB:               4

Length:          2435
Matches:         81
Conservative:   23
Mismatched:     76
Deletions:       22
Gaps:            3

----- Alignment Scores: ----- (1-2435)
----- (1-261) x US-09-023-655-1313 (1-2435)
----- 22

Qy          12 ProSerProSerLeuSerSerValGly-----22
Db          507 CONTCGCCATACACAATCCAGCACGGGGCAAGGAATCACCCTCTTGGAG 566
Qy          23 -----GlnGlyProValThrMetGluAlaGluArgSerLysAla 35
Db          567 GTGTGAACTCTCTCGTCTCATCGGGAACCTCGCTACGAGGGAGAACAGGAGTC-ACA 625
Qy          36 ThrAlaValAlaLeuGlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeu 55
Db          626 CTCCTTGCGCTTATGACTATGANGACCGAACGAAAGTGACCTGAGTTTCACAAA 685
Qy          56 GlyGluProLeuThrIleVal---SerGluAspPheTrpThrValLeuSerGlu 74
Db          686 GCGAAAAATTCAAAATTGACAGCTGGAGGAGATTCGGAAAGGCCGGCTCTTG 745
Qy          75 ValSerGlyArgGluTyrAsnIleProSerValHisValGlyLysVal-----90
Db          746 ACAACTGGAGAACAGGTATCACATTCCCGCAATTATGGCTCAGTTGACTCTATCCAG 805
Qy          91 SerHisGlyTrpLeuGlyLeuSerArgGluLeuSerLeuLeuLeuLeu 110
Db          806 GCAGAAGGTGTGACTITGGAAAATCTGGCTGAGCCAGCTTCCTCC 865
Qy          111 ProGlyAlaProGlyGlyAlaPheLeuIleArgGluSerGlnIhrArgArgGlySerTY 130
Db          866 TTGGAAACCCAAAGGGACCTTCTTATCGGAGAGTGAACCAAGGGTCTTA 925
Qy          131 SerLeuSerValArgLeuSerArgProAlaSerTrpAspArgIleSerProArgLeuThrProLeuIle 170
Db          986 CGCAAACCTGACATGGTGATACTACATACACCCGGCCAGTTGAAACACTTCAG 1045
Qy          171 AlaLeuValAspHisIleSerGluLeuIleAspAspIleCysCysLeuLeuIlyGluPro 190
Db          1046 CAGCTTGACACATTACTCAGAGAGCTGCAGTCAGCTGCTCCAGTAGTTCCC 1105
Qy          191 Cys 191
Db          1106 TGT 1108

```


4424 GGTGCATCTCCATTTCAGTGGCCAAAGTCATATCTGCGTTAACAGGTGGT 483
 Qy 47 -----
 Db 484 GTTACTATTTGTGCCCTTATGATTAGAACCTAGAACTACAGAGluLeuSerLeu 53
 Qy 484 ArgLeuGlygluProLeuThrIleValSerGlu--AspGlyAspTrpTrpThrValLeu 72
 Db 544 AGAACGGTCAATGCAATTACAAATACGAGGGAGATGCTGGCAGAGA 603
 Qy 73 SerGluValSerGlyArgGluTyroAsnIleProSerValIleValSerGlyLysVal---- 90
 Db 604 TCAATCGPACAGGAAAGATGGTTATCCGGCAATTATGAGCCTGAGATTC 663
 Qy 91 -----SerHisGlyTipeutYrGluGlyLeuSerArgGluLysAlaGluGluLeuLeu 108
 Db 664 ATTCAAGGCCAGAAGATGGTATTGGCAAAATGCGGAAAGATGCTGAAAGATTACT 723
 Qy 109 LeuLeuProGlyAlaProGlyGlyAlaPheLeuIleArgGluSerGlnThrArgArgGly 128
 Db 724 TTTGATCCCTGGAATCAACAGGATATTCTTCTTACTAAAGGAGAGCTAAACTAAAGCT 783
 Qy 129 SerTySerLeuSerValArgLeuSerArgProLeuSerIleTrpAspArgIleArg----- 146
 Db 784 GCCTATTCTTCTTATTCGT-----GATGGGTAGAGTAAGGGTGAC 828
 Qy 147 -----HistYrArgIleHisCysLeuAspAsnGlyTripletYtIleSerProArg 163
 Db 829 AATGTGAAACACTGAAATTAGGAACACTGACATGGGGATACTATCACACCGAA 888
 Qy 164 LeuThrPheProSerLeuGlnIleLeuValAlaAspAspIle 183
 Db 889 GCACAAATTGATACCTGAGAAAATGGTGAACACTACAGAACACATCTGATGTTTA 948
 Qy 184 CYSlysLeuLeuIysGluProCys-----ValLeuGln 194
 Db 949 TGCCCAAGTGTGACACTGTGTCCAACCTGAACCTCAAGCTCAAGTCTAGCAAA 1008
 Qy 195 ArgAlaGlyProLeuProGlyIleAspIleProLeuProValThrValGlnArg----- 212
 Db 1009 GATGCTTGGGAAATCCCTCGAGAAATCTTGCAGTAGACGCTTAACACTAGACAGGGATG 1068
 Qy 213 -----ThrProLeuAsnTrpIleSgluLeu 220
 Db 1069 TTGGCGGAAGTGTGGAACCAAGAACATGGAAACCAAACTAAACATA 1128
 Qy 221 AspSerSerLeuLeuPheSerGluAlaIleThrGlyGluLeuSerLeuSerGluGly 240
 Db 1129 AAACCAAGGTACAATGATGCCAGAACGCTTCTTCAGAAGCTCAGATAATGAAAATTA 1188
 Qy 241 LeuArgGluSerLeu--SerPhetYrIleSerLeuAsnAspGluIleVal 256
 Db 1189 AGACATGATAAACACTGTGTCACACTATGCTGTTAACATGCTGAAGAACCAATT 1239
 RESULT 8
 PCT-US93-06251-83
 i Sequence 83; Application PC/TUS93 06251
 i GENERAL INFORMATION:
 i APPLICANT: Wickstrom, Eric and Rife, Jason P.
 i TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
 i TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates
 i NUMBER OF SEQUENCES: 93
 i CORRESPONDENCE ADDRESS:
 i ADDRESSEE: SCULLY, MURPHY & PRESSER
 i STREET: 400 Garden City Plaza
 i CITY: Garden City
 i STATE: NY
 i COUNTRY: USA
 i ZIP: 11530
 i COMPUTER READABLE FORM:
 i MEDIUM TYPE: Floppy disk
 i COMPUTER: IBM PC compatible
 i OPERATING SYSTEM: PC-DOS/MS-DOS

Percent Similarity: 52.34%
 Best Local Similarity: 36.45%
 Query Match: 23.17%
 Db: 2
 Gaps: 6

US-09-939-853A-75 (1-261) x US-09-006-675-1 (1-1491)

Qy 1 MethylSerLeuProserArg --- ArgLyserLeuProSerProser 15
 Db 1 ATGGCTTCATCAAGTCAAATAGCTGGACACTCCGAA 60

Qy 16 LeuSerSerValGlnGlyPro --- ValThrMet --- GluAlaGlu 31
 Db 61 AGCACCAACCCATTATGTGAGAACCCAACTCATCTCGTCTGCTA 120

Qy 32 ArgSer --- --- LysAlaThrAlaValAlaLeuGly 41
 Db 121 AGATCCTAAAGCCCCAGAGGAAGAGCTGGCTCTGGCTTGTT 180

Qy 42 SerPheProAlaGlyGlyProAlaGluLeuSerLeuHrgLeuGly 61
 Db 181 GACTATGATGGATCCACCTGGATCTGACTTGTGAAAGGGACCATTCTGCTA 240

Qy 62 ValSerGluAspGlyAspPhePheValLeuSerGluValSerGlyArgGluTyRAsn 81
 Db 241 AAGAAAGGTCAAGGGAGTGGGGAAAGCAAGAAGGCAAGAAAGGCTTAATTCTCAACTGGTT 300

Qy 82 IleProSerValIleValGlyLysVal --- SerHisGlyTrpLeuTyRGl 97
 Db 301 GTCGCCAGTAACATTGAGCTTGCATTCGAACTGTTAA 360

Qy 98 GlyLeuSerArgGluLysAlaGluGluLeuLeuProGlyLysAla 117
 Db 361 GGATGAGCCGGAAAGGAGCTGAAAGGAGCTGCTATCTCTGTATAAAATGGGCT 420

Qy 118 PheLeuIleArgGluSerGlnThrArgArgGlySerLeuSerValArgLeuSer 137
 Db 421 TTATGATCGGAGCATGAGCTTCTCCCTCTGTGGA----- 474

Qy 138 ArgProAlaSerTrpAspArgIleArgHistYArgIleHisCysIleuAspArgGlyTrp 157
 Db 475 -----GACTCAAGGGACACTGAAACATTGCAACTCGATGAGCTGGT 528

Qy 158 LeuTyRileSerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyRSer 177
 Db 529 TCTCTCATTTCTACACCGATCCCTTTCCTCTGCAAGCTGAGCTGCTACGCCATTATCAA 588

Qy 178 GluLeuIlaAspAspIleCysLeuLeuIysGluProCys 191
 Db 589 GTAAAGTGGATGGCTGTGAGCTGCTTACAATACATGC 630

RESULT 10
 Sequence 1, Application US/09006675
 Patent No. 5952213

GENERAL INFORMATION:
 APPLICANT: Hemmati-Brivanlou, Ali
 ATTORNEY/AGENT INFORMATION:
 APPLICANT: Weinstein, Daniel C.
 TITLE OF INVENTION: A NOVEL SRC-FAMILY KINASE AND METHODS OF
 TITLE OF INVENTION: USE THEREOF
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Klauber & Jackson
 STREET: 411 Hackensack Avenue, 4th Floor
 CITY: Hackensack
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07601

COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/006,675
 FILING DATE: 13-JAN-1998
 CLASSIFICATION:
 NAME: Jackson, Esq., David A.
 REGISTRATION NUMBER: 26,742
 REFERENCE/DOCKET NUMBER: 600-1-217
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-487-5800
 TELEX: 133521
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1491 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: NO
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1491

US-09-006-675-1
 Alignment Scores:
 Pred. No.: 6.04e-25 Length: 1491
 Score: 313.50 Matches: 78

; Sequence 1, Application US/09228603A
 ; Patent No. 6291651
 ; GENERAL INFORMATION:
 ; APPLICANT: Hemmati-Brivanlou, Ali
 ; ATTORNEY/AGENT INFORMATION:
 ; APPLICANT: Weinstein, Daniel C.
 ; TITLE OF INVENTION: A NOVEL SRC-FAMILY KINASE AND METHODS OF
 ; TITLE OF INVENTION: USE THEREOF
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Klauber & Jackson
 ; STREET: 411 Hackensack Avenue, 4th Floor
 ; CITY: Hackensack
 ; STATE: New Jersey
 ; COUNTRY: USA
 ; ZIP: 07601
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/228,603A
 FILING DATE: 12-JAN-1999
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Jackson Esq., David A.
 REGISTRATION NUMBER: 26,742
 REFERENCE/DOCKET NUMBER: 600-1-217 N
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-487-5800
 TELEX: 133521
 FAX: 201-343-1684
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1491 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: NO
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1491
 US-09-228-603A-1

Alignment Scores:
 Pred. No.: 6.04e-25 Length: 1491
 Score: 313.50 Matches: 78
 Percent Similarity: 52.34% Conservative: 34
 Best Local Similarity: 36.45% Mismatches: 75
 Query Match: 23.17% Indels: 27
 DB: 3 Gaps: 6

US-09-939-853A-75 (1-261) × US-09-228-603A-1 (1-1491)

Qy 1 MetGlySerLeuProSerArg-----ArgLysSerLeuProSerProSer 15
 Db 1 ATGGGTGCATCAAGTCAAAGATTCAAATGAGCTGGAAAAGCTGGACCTCGGAA 60

Qy 16 LeuSerSerSerValGlnGlyGlnGlyPro-----ValThrMet---GluAlaGlu 31
 Db 61 AGCACCCAACCCATTATGAGAACGCCAACATCTACATAACTATGACTAAACCTGA 120

Qy 32 ArgSer-----ArgSerAlaValAlaValAlaLeuGly 41
 Db 121 AGATCATCTTAAGCACCAGGAGGAAGGGCAAGAGAAGTGGCTCTGGCTTTGAT 180

Qy 42 SerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThrIle 61
 Db 181 GACTATGAGTGGAGTGGCACCCRGGAATCTGAGCTTTAGGAAGGGGACCATCTCTGCTA 240

Qy 62 ValSerGluAspTrpTrpThrValLeuSerGluValSerGlyArgGluTyros 81
 Db 241 AAGAAACAGTCAGGGGGAGTGTTGGAAAGCATGTCATAATTCCACGGTGAAGGGCTT 300

Qy 82 IleProSerValHisValGlyLysVal-----SerHisGlyTrpLeutyrGlu 97
 Db 301 GTTCCCAGTAACATGAGCTATTCAATCCCTGGAAATCTGAGAGTGTTGACTTTAA 360

Qy 98 GLYLeuSerArgGluLysAlaGluGluLeuLeuLeuProGlyLysProGlyLysAla 117
 Db 361 GGCATGAGCGGAAGGAGCTGAAGCAGCTGCTATCTCTGTTATAAAAGTCGGGCT 420

Qy 118 PheLeuIleArgGluSerGlnGlySerTerLeuSerLeuSerLeuSerLeuSer 137
 Db 421 TTCACTGATCCGAGACATGGAGAACTGTTCTCCCTCTGCGA----- 474

Qy 138 ArgProAlaSerTerpAspArgLysLeuGlyLysTerGlyLysTerGlyLysTerP 157
 Db 475 -----GACTCAGGGGCAACTGTAACATTACAATTCACACTCGATGATGAGGGT 528

Qy 158 LeuTyriIleSerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHiStYstSer 177

Db 529 TTCTTCATTCTACAGGATCCCTTTCCTCTGGCCATTATTCAA 588
 Qy 178 GluLeuAlaAspAspIleCysCysLeuLeuLysGluProCys 191
 Db 589 GGTAAAGTGGATGGCTGTGTCACTAACATACCATG 630

RESULT 11
 US-09-023-655-1080
 ; Sequence 1080, Application US/09023655
 ; Patent No. 6607839
 ; GENERAL INFORMATION:
 ; APPLICANT: Cocks, Benjamin G.
 ; APPLICANT: Susan G. Stuart
 ; APPLICANT: Jeffrey J. Seilhamer
 ; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 1508
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 ; STREET: 3174 PORTER DRIVE
 ; CITY: PALO ALTO
 ; STATE: CALIFORNIA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; COMPUTER: IBM PC compatible
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/023,655
 ; FILING DATE: HEREWITH
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Zeller, Karen J.
 ; REGISTRATION NUMBER: 37,071
 ; REFERENCE/DOCKET NUMBER: PA-0001 US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (650) 855-0555
 ; TELEFAX: (650) 845-4166
 ; INFORMATION FOR SEQ ID NO: 1080:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 2354 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; IMMEDIATE SOURCE:
 ; LIBRARY: GENBANK
 ; CLONE: g182573
 ; US-09-023-655-1080

Alignment Scores:
 Pred. No.: 1.61e-24 Length: 2354
 Score: 312.50 Matches: 75
 Percent Similarity: 52.38% Conservative: 35
 Best Local Similarity: 35.71% Mismatches: 81
 Query Match: 23.10% Indels: 19
 DB: 4 Gaps: 4

US-09-939-853A-75 (1-261) × US-09-023-655-1080 (1-2354)
 Qy 5 ProSerArgArgLysSerIeuProSerProSerLeuSerSer----- 18
 Db 253 CCTGACCCCAACTGCGCCGCGCTGCACTCTCTGCCCCAACTACAGCCAC 312
 Qy 19 ---SerValGlyGlyGlyGlyProValThrMetGluAlaGluLysSerLysAlaThrAla 37
 Db 313 TTTCCTCTCAGGCCATCAACCTTGCTTCATAGTGGCACCATCAGGGTGTGICA 372

Qy 38 -----ValAlaLeuGlySerProAlaGlyGlyProAlaGlu 50
 Db 373 GGATTGGGGACCCCTTTTATGGCTTGTATGACTGGCTGCACTGGATGAG 432

Qy 51 LeuSerLeuArgLeuGlyGluProLeuthrIlevalSerGlu- -AspGlyAspPTP 69
 Db 433 CTCACCTCACCAAGGGAGAGTTGACTCGTGG 492

Qy 70 ThrValLeuSerGluValserGlyArgGlutyrAsnIleProSerValHisvalGly 89
 Db 493 GAGGCTGGTCTCTGACTCCGGAAAACCTGGCTGATTCAGCAACTAGTGCCCT 552

Qy 90 Val-----SerHisGlyTrpLeutyrGluGlyLeuSerAr 105
 Db 553 GTTGAATTAATCCAAGCTGAAGAGTGGAAAGATGGAG 612

Qy 106 GluLeuLeuLeuProGlyAsnProGlyGlyAlaPhelLeuLeuLeuLeuLeu 125
 Db 613 AGGCAGCTGCTTCAAGGCCACCCCAAGGGCCCTTCATCGGAAAGCGAAC 672

Qy 126 ArgArgGlySerTyrsSerLeuSerValArgProAlaSerItpAspArgIle 145
 Db 673 ACCAAAGTGCTTACTCCCTGCACTGGGACTGGATCATGTC 732

Qy 146 ArghistYstryArgLeuSerValArgLeuSerProArgLeuthr 165
 Db 733 AAGCATTAAGATCCCCTAAACTGGACATGGCCGTACATCACCACGGGTAG 792

Qy 166 PheProSerLeuGlnAlaLeuValAspHistYrSerGluLeuAlaAspDileCys 185
 Db 793 TTCAACTCGGTCTGGAGCTGTGACCAACTACATGGGTGAATGGGGCTGTC 852

Qy 186 LeuLeuLysGluProCysValLeuGlnArg 195
 Db 853 CTGCTCATGGCCCTGACCATCATGAG 882

RESULT 12
 US-09-741-238-24
 ; Sequence 24, Application US/09741238
 ; Patent No. 6706867
 ; GENERAL INFORMATION:
 ; APPLICANT: Lorenz, Matthias
 ; TITLE OF INVENTION: DNA Array Sequence Selection
 ; Patent No. 6706867
 ; FILE REFERENCE: NIH-05076
 ; CURRENT FILING DATE: 2001-08-20
 ; NUMBER OF SEQ ID NOS: 29
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO: 24
 ; LENGTH: 3258
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 US-09-741-238-24

Alignment Scores:
 Pred. No.: 4.51e-24 Length: 3258
 Score: 310.50 Matches: 83
 Percent Similarity: 48.64% Conservative: 24
 Best Local Similarity: 37.73% Mismatches: 87
 Query Match: 22.95% Indels: 26
 DB: 4 GlnGlyPro Gaps: 5

US-09-939-853A-75 (1-261) × US-09-741-238-24 (1-3258)

Qy 3 SerLeuProSerArgArgLyserLeuProSerProSerLeuSerSerValGlnGly 22
 Db 337 GCACATCCACAGCTTGCGTGAACCT--CATCCGAACTACAACTTCAGCAGC 393

Qy 23 GlnGlyPro -----Val 26

Db 394 TGGGGccAGGGACTCACCGTCTTGGGTGTGAACTCCCTCACACTGGGACCT 453

27 ThrmMetGluAlaGluArgSerLysAlaThrAla -ValAlaLeuGlySerProAlaG1 46
 Db 454 ACGCACAGAGGGACAGAGGAGCTTGACACTTGTGCGCTTTGACTGAACACG 513

Qy 46 GlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuthrIleval---SerGlu 65
 Db 514 GACGGAAAGATGACCTGAGTTTCACAAAGGGAAAATTTCGAAACAGCTGG 573

Qy 65 pglyAspPTPTrpThrValLeuSerGluValSerGlyArgGlyLeuAsnIleProSerVa 85
 Db 574 AGGAGATTGGTGGAAAGGCCCTCTTGACACGGGAAACTGGTTACATTCCAGCAA 633

Qy 85 LysIleValGlyLysVal-----SerHistGlyTrpLeutyrGluGlyLeuSerAr 101
 Db 634 TTACGTTGCTCAGTGACTCCATCCAGGCGAAAGTGACTGACTGGCG 693

Qy 101 gGluLysAlaGluGluLeuLeuLeuLeuLeuLeuLeuLeuLeuLeuLeuLeu 121
 Db 694 CAAAGATGCTGAGAGACAGGCTCTGCTTCCTGGAAACCCAGAGGGTACCTTC 753

Qy 121 gGluSerGlnIthrArgArgGlySerTyrsSerLeuSerValArgLeuSerArgProLase 141
 Db 754 CGAGGCCAACACCAAGGGCTACTACTTCATCGTGTGGATGATGATGAA 813

Qy 141 rTrpAspArgIleArgHistYrArgIleHisCysLeuAspAsnGlyTrpLeutyrIleSe 161
 Db 814 AGGGGCAACCTCAACATATAAAATCGGAAGCTTGACATGGGATACTATCAC 873

Qy 161 rProArgLeuthrPheProSerLeuGlnAlaLeuValAspHistYrSerGluLeuAlaAs 181
 Db 874 AACGGCGGCCAGTGTGAAACACTTCAGCAACTGGTACAGGATTCTAGGAAAGCTGA 933

Qy 181 PaspIleCys-----CysLeuLeuLysGluProCysValLeuGlnArgAlaLys 197
 Db 934 TGGTTGTTTAACTTAATCTGTTTCACTCAATTGACCCCCACAACCTCTGGA 991

RESULT 13
 US-09-470-881-2
 ; Sequence 2, Application US/09470881
 ; Patent No. 6685938
 ; GENERAL INFORMATION:
 ; APPLICANT: CHERESH, David A.
 ; APPLICANT: ELIEBIRI, Brian
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS USEFUL FOR MODULATION OF
 ; TITLE OF INVENTION: ANGIogenesis AND VASCULAR PERMEABILITY USING SRC OR
 ; TITLE OF INVENTION: YES TYROSINE KINASES
 ; FILE REFERENCE: TSRI 651-2
 ; CURRENT APPLICATION NUMBER: US/09/470,881
 ; CURRENT FILING DATE: 1999-12-22
 ; PRIOR APPLICATION NUMBER: PCT/US99/11780
 ; PRIOR FILING DATE: 1999-05-28
 ; PRIOR APPLICATION NUMBER: 60/087,220
 ; NUMBER OF SEQ ID NOS: 8
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 2
 ; LENGTH: 1759
 ; TYPE: DNA
 ; ORGANISM: Chicken
 ; FEATURE:
 ; NAME/KEY: Gene
 ; LOCATION: (1)-(1759)
 ; OTHER INFORMATION: chicken c-SRC cDNA
 ; NAME/KEY: CDS
 ; LOCATION: (112)-(1710)

US-09-470-881-2

Alignment Scores:
 Pred. No.: 4.18e-22 Length: 1759
 Score: 289.00 Matches: 86
 Percent Similarity: 47.33% Conservative: 47
 Best Local Similarity: 30.63% Mismatches: 104
 Query Match: 21.36% Indels: 45

DB: US-09-939-853A-75 (1-261) x US-09-470-881-2 (1-1759)
 4 Gaps: 6
 Qy 5 ProSerArgArglySerLeuProSerProSerLeuserSerValGlnGlyGlnGly 24
 Db 317 CGTTACGTGCCAGGCGCCGGCACTGGTGGCGTCACC----- 363
 Qy 25 ProValThrMetGluAlaGluArgSerIysAlaThrAlaValAlaLeuGlySerPhePro 44
 Db 364 ----- -ACTTTCGTCGCTCTAACGACTACGAG 390
 Qy 45 AlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThrIleValSerGlu 64
 Db 391 TCCGGACTGAAACGGACTGTCTTCATGAAAGAGAAAGCCTGCAGATTGTCACAAAC 450
 Qy 65 ---AsPArgIysPtpTrpThrValLeuSerGluValSerGlyArgLutyrAsnIlePro 83
 Db 451 ACGGAGGGTACTGGCTGCTCATTCCTCTACGGAGAACGGCTACATCCC 510
 Qy 84 SerValHisValGlyLys----- -ValSerHisGlyIleTrpLeutyrGluGlyLeu 99
 Db 511 AGTAACATATGCGCCCTTGAGCTTCATGAGCTGAAGAGTGGTACTITGGAAAGATC 570
 Qy 100 SerArgGluLysAlaGluGluLeuLeuProGlyAlaPheIeu 119
 Db 571 ACTCGTGGAGTCGGCCGGCTGCTGCTAACCCCGAAACCCCGAAACCTTCTTG 630
 Qy 120 IleArgGluSerGlnIthrArgGlySerIysSerLeuSerValGluLeuSerArgPro 139
 Db 631 GTCCGGAAAGGGAGAGACAAGAAAGGTGGCTATGCCCTCTCGACTTGACAC 690
 Qy 140 AlaSerTrpAspArgIleArgHistYargIleHisCysIleAspAsnGlyTrpLeutyr 159
 Db 691 GCAAAGGGTCAATGTGAGCACTACAAGTCCCAAGGTGGAGCAGCCGGCTCTAC 750
 Qy 160 IleSerProArgLeuthrPheProSerLeuLeuIysSerGluIeu 179
 Db 751 ATCACCTCACCGACACAGTTAGCAGCTTGAGCAGTGTTGGCTACTACTCCAAACR 810
 Qy 180 AlaAspAspIleCysCysIleLeuIysGluProCys----- 191
 Db 811 GCTGATGCGTGTGCCAACCGCTGACTCAAGCCAGTGGCTACTCTCGCCAG 870
 Qy 192 ---ValLeuGlnArgAlaGlyProLeuProGlyIleAspIleProLeuThrVal 210
 Db 871 GGACTGGCAARGACGGTGGAAATCCCGGAGCTCGCTGCGCTGAGGCTGAGCTG 930
 Qy 211 GlnArg----- -ThrProLeuAla 216
 Db 931 GGGAGGGCTGTTGGAGAGCTGTGATGGGACTCAGGGACCCAGTGGCC 990
 Qy 217 TrpLysgIleLeuAspSerSerIleuPheserGluAlaIalathrglyGluGluSerLeu 236
 Db 991 ATAAGAGCTCTAAAGCCGCCACATGCCGGAGGCGCCAAAGTG 1050
 Qy 237 LeuSerGluGlyLeuArgGluSerIleu-----SerPheTyryleSerLeuAsnAspGluAla 255
 Db 1051 ATGAAAGACTCGGCAATGAGAAGCTGGTCAAGCTGTACCGAGTGTGGAAAGGCC 1110
 Qy 256 Val 256
 Db 1111 ATC 1113
 RESULT 14
 US-07-820-011A-1
 Sequence 1, Application US-07820011A
 GENERAL INFORMATION:
 Patent No. 5316615
 General Information:
 Applicant: Bell, Leonard A.
 Applicant: Madri, Joseph A.
 Applicant: Warren, Stephen L.
 Inventor: Bell, Leonard A.
 Inventor: Madri, Joseph A.
 Inventor: Warren, Stephen L.
 CORRESPONDENCE ADDRESS:
 NUMBER OF SEQUENCES: 4
 TITLE OF INVENTION: Genetically Engineered Endothelial Cells Exhibiting Enhanced Migration and Plasminogen Activator Activity
 TITLE OF INVENTION: Migration
 TITLE OF INVENTION: and Plasminogen Activator Activity
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 5 1/4 inch, 360 Kb storage
 COMPUTER: IBM PC XT
 OPERATING SYSTEM: PC-DOS/MS-DOS 2.10
 SOFTWARE: Displaywriter 3
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-07/820,011A
 FILING DATE: 19920106
 CLASSIFICATION: 435
 NAME: Klee, Maurice M.
 REGISTRATION NUMBER: 30,399
 REFERENCE DOCKET NUMBER: LB-101
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (203) 255-1400
 TELEFAX: (203) 254-1101
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 160 base pairs
 TYPE: NUCLEIC ACID
 STRANDEDNESS: Double
 TOPOLOGY: Linear
 MOLECULE TYPE: cDNA to mRNA
 HYPOTHETICAL: No
 ANTI-SENSE: No
 ORIGINAL SOURCE:
 ORGANISM: Gallus, gallus
 PUBLICATION INFORMATION:
 AUTHORS: Takeya, Tatsuo
 AUTHORS: Hanafusa, Hideyaburo
 TITLE: Structure and Sequence of the Cellular Gene Homologous to the RSV src Gene and the Mechanism for Generating the Transforming Virus
 JOURNAL: Cell
 VOLUME: 32
 PAGES: 881-890
 DATE: March, 1983
 US-07-820-011A-1
 Alignment Scores:
 Pred. No.: 6.01e-22
 Score: 287.0
 Percent Similarity: 51.28%
 Best Local Similarity: 34.62%
 Query Match: 21.21%
 DB: 1
 US-09-939-853A-75 (1-261) x US-07-820-011A-1 (1-1602)
 Qy 5 ProSerArgArglySerLeuProSerProSerLeuSerSerValGlnGlyGlnGly 24
 Db 206 CGTACGTGGCTCGCCGGACTGGTGGCGGCTCAAC----- 252
 Qy 25 ProValThrMetGluAlaGluArgSerIysAlaIalathrAlaValAlaLeuGlySerPhePro 44
 Db 253 ----- -ACTTCGTTGGCTCTCTAGAGTACGAG 279
 Qy 45 AlaGlyGlyProAlaGluLeuSerIysArgLenglyGluProLeuThrIleValSerGlu 64
 Db 280 TCCTGGACTGAAACGACTGTGCTCTAGGTCAGTTGTCACAACTGCAAC 339

Qy 65 ---AspGlyAspTrpTrpThrValLeuSerGluValSerGlyArgGluTyraSerIlePro 83
 Db 340 ACGGAAAGGTGACTGTGGCTCATCCCTCACTAACAGACAGAGCGGTACATCCC 399
 Qy 84 SerValHisValGlyLys-----ValSerHisGlyTyroLeu 99
 Db 400 AGTAACATGTGTCGGCCTCAGACTCCATCCAGGCTGAAGTGCTACTTGGAAATC 459
 Qy 100 SerArgGluAlaGluGluLeuLeuProGlyAsnProGlyGlyAlaPheLeu 119
 Db 460 ACTGTCGGAGTCGGCTCAGCGCTGCTGCTCAACCCGAAACCTCTTG 519
 Qy 120 IleArgGluSerGlnThrArgArgGlySerItyrSerIleSerValArgPro 139
 Db 520 GTCGGAGGGCTCAATGNGAAGCACTAACAGTCGGCAAGCTGAGCTGGCTCTAC 639
 Qy 140 AlaSerTrpAspArgLysGlySerItyrArgLysIleHisCysLeuAspAsnGlyTyroLeu 159
 Db 580 GCCAAGGGGCTCAATGNGAAGCACTAACAGTCGGCAAGCTGAGCTGGCTCTAC 639
 Qy 160 IleSerProArgLeuThrProSerIleGlnAlaLeuValAspItyrSerGluLeu 179
 Db 640 ATCACCTCACGCAACAGTTAGCTGAGCTGGCTACTACCAAACAT 699
 Qy 180 AlaAspAspIleCysCysLeuLeuLysGluProCys----- 191
 Db 700 GCTGATGCGCTTGTGCCAACGGCTGACCAACGTCGCCACTCCAAAGCCCCAGACCCAG 759
 Qy 192 ---ValLeuGlnArgAlaGlyProLeuProGlyLysIleProLeuProValThrVal 210
 Db 760 GGACTCGCCAAGGACGGTGGAAATCCCGGAGTGGCTGGCTGGTGAAGCTG 819
 Qy 211 GluArgThrProLeuThrProLeuThrProLeuSerSerLeu 224
 Db 820 GGGCAGGGCTG-CTT---TGGAGAGGTCTGGATGGGACCTG 857
 Db
 RESULT 15
 PCT-US93-00445-1
 GENERAL INFORMATION:
 APPLICANT: Bell, Leonard
 APPLICANT: Madri, Joseph A.
 APPLICANT: Warren, Stephen L.
 APPLICANT: Luthringer, Daniel J.
 TITLE OF INVENTION: Genetically Engineered
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Maurice M. Klee
 STREET: 1951 Burr Street
 CITY: Fairfield
 STATE: Connecticut
 COUNTRY: USA
 ZIP: 06430
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch, 760 kb storage
 COMPUTER: DELL 486/50
 OPERATING SYSTEM: DOS 5.0
 SOFTWARE: Displaywrite 3
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US93/00445
 FILING DATE: 1993/01/05
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/820, 011
 FILING DATE: 06-JAN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Klee, Maurice M.
 REGISTRATION NUMBER: 30, 399
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (203) 255 1400

TELEFAX: (203) 254 1101
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1602 base pairs
 TYPE: NUCLEARIC ACID
 STRANDEDNESS: Double
 TOPOLOGY: Linear
 MOLECULE TYPE: cDNA to mRNA
 HYPOTHETICAL: No
 ANTI-SENSE: No
 ORIGINAL SOURCE:
 ORGANISM: Gallus, gallus
 PUBLICATION INFORMATION:
 AUTHORS: Takeya, Tatsuo
 AUTHORS: Hanafusa, Hidesaburo
 AUTHORS: Hanafusa, Hidesaburo
 TITLE: Structure and Sequence of the
 Cellular Gene Homologous to the RSV src
 Gene and the Mechanism for Generating the
 Transforming Virus
 JOURNAL: Cell
 VOLUME: 32
 PAGES: 881-890
 DATE: March, 1983
 PCT-US93-00445-1

Alignment Scores:
 Pred. No.: 6.01e-22
 Score: 287.00
 Percent Similarity: 51.28%
 Best Local Similarity: 34.62%
 Query Match: 21.21%
 DB: 5
 Gaps: 5
 Length: 1602

US-09-939-853A-75 (1-261) x PCT-US93-00445-1 (1-1602)

Qy 5 ProSerArgArgLysSerIleProSerProSerLeuSerSerValGlnGlyGlnGly 24
 Db 206 CGGTTACGTGTCGGCGCAGCGTGCGGGACTCTGGCTCGGGCTCACCC----- 252
 25 ProValThrMetGluAlaGluArgSerIleAlaThrAlaLeuGlySerIlePro 44
 Qy 253 -----AcTTGTTGCGCTCTAGACTAGAG 279
 Db
 45 AlaGlyGlyProAlaGluLeuSerIleArgLeuGluProLeuThrIleValSerGlu 64
 Db 280 TCCCGGACTGAAACGACATCTCCCTCAAGGAAGCCCTGAGATGTCACAAC 339
 Qy 65 ---AspGlyAspTrpTrpThrValLeuSerGluValSerGlyArgLutYraspIlePro 83
 Db 340 ACGGAAAGGTGACTGTGGCTGCTCATCCCTCATACAGAACAGCGCTACATCCCC 399
 Qy 84 SerValHisValGlyLys-----ValSerHisGlyTyroLeuGluGlyLeu 99
 Db 400 AGTAACATGTGCGCCCTGACATCCAGGCTAAAGTGGAGATCTGGAGATC 459
 100 SerArgGluLysAlaGluGluLeuLeuProGlyIleCysIleAspAsnGlyTrpLeu 119
 Db 460 ACTCGTCGGAGGTGCTGGCGCTGCTGCTCAACCCGGAAACCCGGGAAACCTCTTG 519
 120 IleArgGluSerGlnThrArgArgLysSerIleSerValArgLeuSerArgPro 139
 Db 520 GTCCGGAGAGCGAACAGGAGAACGGCTATGCTCTGACTTGTGACTTGTGACAAC 579
 Qy 140 AlaAspTrpAspArgIleArgHistYraGlyLeuLeuValAspHistYraSerGluLeu 179
 Db 580 GCCAAGGGCTCAAGTGGCAAGTACAAGATCCGAAGTGGAAAGCTGGCTCTAC 639
 160 IleSerProArgLeuThrPheProSerIleGlnAlaLeuValAspHistYraSerGluLeu 179
 Db 640 ATCACCTCACGCAACAGTCAAGCTGCTGCTGCTGCTACTCCAAACAT 699
 Qy 180 AlaAspAspIleCysCysLeuLeuIysGluProCys----- 191

Db 700 GCTGATGGTTGTCACCGCCTGACCAACGTCTGCCCOACGTCAAAGCCCCAGACCG 759
Qy 192 ---ValLeuGlnArgAlaIleProLeuProGlyLysAspIleProLeuProValThrVal 210
Db 760 GGACTCGCCAAAGGACGCGTGGAAATCCCCTGGAAAGTCCTGCCTGGAGGTGAAGCTG 819
Qy 211 GlnArgThrProLeuAsnTrpIleGluLeuAspSerSerLeu 224
Db 820 GGGCGCCCTG-CTT--TGGAGGGTCTGGATGGGACCTG 857

Search completed: December 30, 2004, 18:15:15
Job time : 114 secs

	Copyright (c) 1993 - 2004 Compugen Ltd.	Query Match Score	Length	DB ID	Description
OM protein - nucleic search, using frame_plus_p2n model					Sequence 74, App1
Run on:	December 30, 2004, 18:04:20 ; Search time 583 Seconds (without alignments)				Sequence 76, App1
Title:	US-09-939-853a-75				Sequence 1, App1
Perfect score:	1353				Sequence 4, App1
Sequence:	1 MGSLSPRRKSLPSSLSSV.....RESLSFYISLNDEAVSLLDA 261				Sequence 120, App1
Scoring table:	BLOSUM62				Sequence 6, App1
Xgapop 10.0 , Xgapext 0.5					Sequence 2, App1
Ygapop 10.0 , Ygapext 0.5					Sequence 1, App1
Fgapop 6.0 , Fgapext 7.0					Sequence 953, App
Delop 6.0 , Delext 7.0					Sequence 21302, A
Searched:	4176236 seqs, 2824127955 residues				Sequence 915, App
Total number of hits satisfying chosen parameters:	8352472				Sequence 99, App
Minimum DB seq length: 0					Sequence 139, App
Maximum DB seq length: 2000000000					Sequence 1312, App
Post-processing: Minimum Match 0%					Sequence 1312, App
Maximum Match 100%					Sequence 154, App
Listing first 45 summaries					Sequence 5340, App
Command line parameters:					Sequence 951, App
-MODEL=frame+p2n.model1 -DEV=x1h					Sequence 50, App1
-Q=/sgn2/1/PRO_spool/US09393853/runat_30122004_130418_18963/app_query.fasta_1.455					Sequence 499, App
-DB=Published_Applications_NA -QFMT=fastap -SUFFIX=rnpb -MINMATCH=0.1					Sequence 762, App
-LOOPCL=0 -LOOPEXT=0 -UNITS=bits -START=-1 -END=-1 -MATRIX=BLOSUM62					Sequence 343, App
-TRANS=human40_cdi -LIST=45 -DOCALIGN=200 -THR SCORE=pct -THR MAX=100					Sequence 762, App
-THR MIN=0 -ALIGN=15 -MODE=LOCAL -OUTFMT=pto -NORM=ext -HEAPSIZE=500 -MINLEN=0					Sequence 1158, App
-MAXLEN=200000000 -NCPU=3 -NO_MMAPP -LARGE_BLOCK -WAIT=0 -WAIT_PUB=0 -WARN_TIMOUT=120 -THREADS=10 -XGAPOP=10 -XGAPEXT=0.5					Sequence 269, App
-FGAPOP=6 -FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7					Sequence 1, App1
Database :					Sequence 1983, App
Published Applications_NA:	*				Sequence 726, App
1: /cgn2_6/prodata/2/pubnpa/us07_PUBCOMB.seq:*					Sequence 726, App
2: /cgn2_6/prodata/2/pubnpa/us08_PUBCOMB.seq:*					Sequence 1105, App
3: /cgn2_6/prodata/2/pubnpa/us05_NEW_PUB.seq:*					Sequence 261, App
4: /cgn2_6/prodata/2/pubnpa/us07_PUBCOMB.seq:*					Sequence 106, App
5: /cgn2_6/prodata/2/pubnpa/us07_PUBCOMB.seq:*					Sequence 140, App
6: /cgn2_6/prodata/2/pubnpa/us08_PUBCOMB.seq:*					Sequence 2038, App
7: /cgn2_6/prodata/2/pubnpa/us08_PUBCOMB.seq:*					Sequence 1611, App
8: /cgn2_6/prodata/2/pubnpa/us08_PUBCOMB.seq:*					Sequence 17314, A
9: /cgn2_6/prodata/2/pubnpa/us09_PUBCOMB.seq:*					Sequence 234, App
10: /cgn2_6/prodata/2/pubnpa/us09_PUBCOMB.seq:*					Sequence 133, App
11: /cgn2_6/prodata/2/pubnpa/us10_PUBCOMB.seq:*					Sequence 27, App1
12: /cgn2_6/prodata/2/pubnpa/us09_NEW_PUB.seq:*					Sequence 4, App1
13: /cgn2_6/prodata/2/pubnpa/us10_PUBCOMB.seq:*					SEQUENCE 1 US-09-939-853a-74
14: /cgn2_6/prodata/2/pubnpa/us10_PUBCOMB.seq:*					SEQUENCE 74, Application US/09939853A
15: /cgn2_6/prodata/2/pubnpa/us10_PUBCOMB.seq:*					SEQUENCE 1, Publication No. US20040039163A1
16: /cgn2_6/prodata/2/pubnpa/us10_PUBCOMB.seq:*					GENERAL INFORMATION:
17: /cgn2_6/prodata/2/pubnpa/us10_PUBCOMB.seq:*					APPLICATION: Burgess et al.
18: /cgn2_6/prodata/2/pubnpa/us10_NEW_PUB.seq:*					TITLE OF INVENTION: No.
19: /cgn2_6/prodata/2/pubnpa/us11_NEW_PUB.seq:*					FILE REFERENCE: 21402-099
20: /cgn2_6/prodata/2/pubnpa/us60_NEW_PUB.seq:*					CURRENT APPLICATION NUMBER: US/09/939, 853A
21: /cgn2_6/prodata/2/pubnpa/us60_PUBCOMB.seq:*					PRIOR APPLICATION NUMBER: 2001-08-27
					PRIOR FILING DATE: 2001-08-27
					PRIOR APPLICATION NUMBER: 60/267, 300
					PRIOR FILING DATE: 2001-08-08
					PRIOR APPLICATION NUMBER: 60/269, 9671
					PRIOR FILING DATE: 2001-02-20
					PRIOR APPLICATION NUMBER: 60/277, 337
					PRIOR FILING DATE: 2001-03-20
					NUMBER OF SEQ ID NOS: 159
					SOFTWARE: Patentin Ver. 2.1
					SEQ ID NO 74
					SUMMARIES
					Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Sequence 76, Application US/09939853A
 Publication No. US2004039163A1
 GENERAL INFORMATION:
 APPLICANT: Burgess et al.
 TITLE OF INVENTION: US/09939853A1 Proteins and Nucleic Acids Encoding Same
 FILE REFERENCE: 2140-0-99
 CURRENT APPLICATION NUMBER: US/09/939,853A
 CURRENT FILING DATE: 2001-08-27
 PRIOR APPLICATION NUMBER: 60/220,191
 PRIOR FILING DATE: 2000-08-25
 PRIOR APPLICATION NUMBER: 60/267,300
 PRIOR FILING DATE: 2001-02-08
 PRIOR APPLICATION NUMBER: 60/269,961
 PRIOR FILING DATE: 2001-02-20
 PRIOR APPLICATION NUMBER: 60/277,337
 NUMBER OF SEQ ID NOS: 159
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 76
 LENGTH: 1183
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-939-853A-75 (1-261) x US-09-939-853A-74 (1-1183)
 Alignment Scores:
 Pred. No.: 5.62e-150 Length: 1183
 Score: 1353.00 Matches: 261
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% N mismatches: 0
 Best Local Similarity: 100.00% Indels: 0
 Query Match: 11 Gaps: 0
 DB: 398 ATGGGATCTGCCAGARGAANAACTCTGCCAGGCCAGCTGTGTC 457
 Qy 1 MerglySerLeuProSerArgArgLysLeuLeuProSerProSerLeuSerSerSer 20
 Db 21 GlnglyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
 Qy 458 CAGGCCAGGACCTGGTACCATGGAAcAGAGCAAGGCCAACGGCCAGAGA 517
 Db 41 GlySerPheProAlaGlyGlyProAlaGluLeuSerIleArgLeuGlyGluProLeuThr 60
 Qy 518 GGAGTTTCCCAGCAGTGACCTGGCCCGCCAGCTTGCTGAGAATGGGAGGCATTGACC 577
 Db 61 IleValSerGluAspGlyAspPTPThrValleSerGluValSerGlyArgGluThr 80
 Qy 578 ATCCCTCTGAGGTGGACCTGGTGGACTGTGGACGGAGACTGTGGCTGAACTCTGAGAGAT 637
 Db 81 AsnIleProSerValHisValGlyValSerHisGlyYTpLeutyrGluGlyLeuSer 100
 Qy 638 AACATCCCCAGCTGACCTGGCAAGCTCCATTCGCTGGCTATGGGGCTGAGC 697
 Db 101 ArgGluIysAlaGluGluLeuLeuLeuProGlyGlyGlyGlyAlaLeuLeu 120
 Qy 698 AGGGAAAGCAGAGGAAGCTGCTGTGTTACCTGGAAACCTGGAACTCTGCTTCATC 757
 Db 121 ArgGluUserGlnThrArgArgGlySerItySerIleSerValArgLeuSerArgProAla 140
 Qy 758 CGGGAGCCAGACAGGAGGGCTTACTCTCTGTCAGTCGGCTCTAGCGGCCTGCA 817
 Db 141 SerTPAspArgIleGargHsTyrArgIleHsCysLeuAspArgGlyGlyProLeuThrIle 160
 Qy 818 TCCTGGGACCCGATCGACACTACGGATCACCTGACAATGGCTGCTGACATC 877
 Db 161 SerPirArgLeuThrPheProSerIglnAlaLeuValAspHistrySerGluLeuAla 180
 Qy 878 TCACCGGGCTCACCTCCCTCACCTCCAGGCCCTGTTGACCACTACTGGCTGGCG 937
 Db 181 AspAspIleCysCysIleLeuIleGlyProCysValleGlnArgAlaGlyProLeuPro 200
 Qy 938 GATGACATCTGCTGCTACTAACAGGCCCTGTCAGGAGGCTGCCCTCCCT 997
 Db 201 GlyLysAspIleProLeuProValThrProLeuAsnTrpIysGluLeu 220
 Qy 998 GCGAAGATATACCCTTACCTGACTGTGCAAGGAAcACCACTGAAAGAGCTG 1057
 Db 221 AspSerSerLeuLeuPheSerGluAlaAlaThrGlyGluGluUserLeuSerGlyGly 240
 Qy 1058 GACAGCTCCCTCTGTTTCTGAGCTGCCAGGAGGACTCTCTCTAGTGAGGT 1117
 Db 241 LeuArgGluUserSerPheThrIleSerLeuAsnAspGluAlaValSerIleAsp 260
 Qy 1118 CTCCGGGGTCCCTCAGCTTCACTACAGCCNTAATGAGGCTGTCCTTGATGAT 1177
 Qy 261 Ala 261
 Db 1178 GCC 1180
 Result 2
 Page 029 of 953 - 76 of 187

Qy 201 GlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTrrPlysGluLeu 220
 Db 186 GCAAGGATAACCCCTACCTGACTGTGAGCTGAGAGACCACTCACTGGAAAGACCTG 127
 Qy 221 AspSerSerLeuLeuPhosSerGluAlaAlaLathrglyGluGluSerLeuLeuSerGluGly 240
 Db 126 GACGCTCCTCCGTTCTGAGTCAGGTCAGGGAGGACTCTCTCTAGTGAGGT 67
 Qy 241 LeuArgGluSerLeuSerPhytyrIleSerLeuAsnLspGluAlaValSerIeuAspAsp 260
 Db 66 CTCGGGAGTCCCTCAGTTCTACATCGCCCTGAATGAGGGCTGTCTGGATGAT 7
 Qy 261 Ala 261
 Db 6 GCC 4

RESULT 3
 US-10-043-649-1
 ; Sequence 1, Application US/1043649
 ; Publication No. US20030059924A1
 ; GENERAL INFORMATION
 ; APPLICANT: Holland, Sacha J.
 ; APPLICANT: Mendenhall, Marcy K.
 ; APPLICANT: Pardo, Jorge
 ; APPLICANT: Spencer, Collin
 ; APPLICANT: Fu, C. Alan
 ; APPLICANT: Luo, Ying
 ; APPLICANT: Payan, Donald G.
 ; APPLICANT: Mancebo, Helena S.Y.
 ; APPLICANT: Wu, Jun
 ; APPLICANT: Zhou, Xiulan
 ; APPLICANT: Shen, Mary
 ; APPLICANT: Liao, X. Charlene
 ; APPLICANT: Sheng, Ning
 ; TITLE OF INVENTION: Cloning f. a. No. US20030059924A1el Inhibitor of Antigen-receptor
 ; TITLE OF INVENTION: Retrival-based Functional Screen
 ; FILE REFERENCE: A-70219-1/RMS/DHR
 ; CURRENT APPLICATION NUMBER: US/10/043,649
 ; CURRENT FILING DATE: 2002-01-10
 ; PRIOR APPLICATION NUMBER: US/0219-1/RMS/DHR
 ; PRIOR FILING DATE: 2001-01-10
 ; NUMBER OF SEQ ID NOS: 3
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 1
 ; LENGTH: 786
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE: CDS
 ; NAME/KEY: CDS
 ; LOCATION: (1)..(786)
 ; OTHER INFORMATION:
 US-10-043-649-1

Alignment Scores:
 Pred. No.: 1.64e-149 Length: 786
 Score: 1.347.00 Matches: 260
 Percent Similarity: 99.62% Conservative: 0
 Best Local Similarity: 99.62% Mismatches: 1
 Query Match: 99.56% Indels: 0
 DB: 14 Gaps: 0

US-09-939-853A-75 (1-261) x US-10-043-649-1 (1-786)

Qy 1 MetGlySerIeuProSerArgLysSerIeuProSerLeuSerSerIeu 20
 Db 1 ATGGGAAGTCGCCAGCCAGAGAAATCTGCCAACGCTTGACTTCCTCTGRC 60
 Qy 21 GlcGlyGlnGlyProValThnMetGluAlaGluArgSerIeuAlaValAlaLeu 40
 Db 61 CAAGGCCAGGACCCTGTGACCATGAAAGCCAGAGGAAGGCAAGCCGTCGGCTG 120
 Qy 41 GlySerPheProAlaGluLeuSerLeuArgLeuGluProLeuThr 60

Db 121 GCGAGTTCCCGGAGGTGGCCGGAGCTGACTGGGACCACTTGAC 180
 Qy 61 IleValSerGluAspIysAspTrpThrValLeuSerGluValSerGlyArgGluGly 80
 Db 181 ATCGTCCTGAGATGAGATGAGCTGAGTCAGTGTCTGAGTCAGTGTCTGAGATGAT 240
 Qy 81 AsnIleProSerValHisIvalGlyLysValSerHisIgLYTrPheIleGluUser 100
 Db 241 AACATCCCACGGTCAAGCTGGCCAAAGTCCTCCATGGGCTGCTGATGAGGGCTGAGC 300
 Qy 101 ArgGluLysAlaGluGluLeuLeuLeuLeuProGlyAsnProGlyLysAlaPheLeuIle 120
 Db 301 AGGGAAAGCAGGAAACTCTGTGAAACCTGGAAGGGCTTCCTCATC 360
 Qy 121 ArgGluUserSerArgProAla 140
 Db 361 CGGAGAGCCAGACAGGAGGCTTAATCTCTGTCAGTCGGCTCAGTCGGCT 420
 Qy 141 SerTrpAspArgIleArgHistYzArgIleHisCysLeuIspAspGlyTrpLeuTyIle 160
 Db 421 TCCTGGGACCGGATAGACACTACAGGATCCAATGCTGACAATGGCTGACATC 480
 Qy 161 SerProArgLeuThrProSerIeuGlnAlaLeuValAspHistYrSerGluLeuAla 180
 Db 481 TCACCCGGCTCACCTCCCTCACCCCTACCTGAGGGTGGACCATTAATCTGAGCTGGC 540
 Qy 181 ASPAspIleCysIeuLeuIspGluProCysValLeuIeuArgAlaGlyProLeuPro 200
 Db 541 GATGAGATCTGCTGCCTACTAAAGGAGCCCTGTCAGAGCCGCTGCCCT 600
 Qy 201 GlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTPlysGluLeu 220
 Db 601 GGCAAGGATAATCCCTACCTGTCGCTGTCAGGAGACCACTGACTGGAAAGCTG 660
 Qy 221 AspSerSerIeuLeuSerGluAlaIalThrGlyGluCluSerIeuLeuSerGluGly 240
 Db 661 GACAGCTCCCTCCCTTCTGAACGCTGCCAGAGGGAGAGTCTCTCAGTAGGGT 720
 Qy 241 LeuArgGluSerIeuSerPheTyIleSerIeuSerLeuIspASP 260
 Db 721 CTCCGGAGTCGCCCTAGCTTACATCAGCTGAATGAGGGCTGTCCTTCGATGAT 780
 Qy 261 Ala 261
 Db 781 GCC 783

RESULT 4
 US-10-432-746A-4
 ; Sequence 4, Application US/10432746A
 ; Publication No. US20040171537A1
 ; GENERAL INFORMATION:
 ; APPLICANT: McGlade, Jane
 ; APPLICANT: Lozeto, Michael
 ; TITLE OF INVENTION: ADAPTER GENE
 ; FILE REFERENCE: 3477-102
 ; CURRENT APPLICATION NUMBER: US/10/432,746A
 ; CURRENT FILING DATE: 2003-05-27
 ; PRIOR APPLICATION NUMBER: PCT/CA01/01662
 ; PRIOR FILING DATE: 2001-11-26
 ; PRIOR APPLICATION NUMBER: CA 2, 324, 663
 ; PRIOR FILING DATE: 2000-11-27
 ; NUMBER OF SEQ ID NOS: 17
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 4
 ; LENGTH: 786
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-432-746A-4

Alignment Scores:
 Pred. No.: 1.64e-149 Length: 786
 Score: 1.347.00 Matches: 260
 Percent Similarity: 99.62% Conservative: 0
 Best Local Similarity: 99.62% Mismatches: 1
 Query Match: 99.56% Indels: 0
 DB: 14 Gaps: 0

US-09-939-853A-75 (1-261) x US-10-043-649-1 (1-786)

Qy 1 MetGlySerIeuProSerArgLysSerIeuProSerLeuSerSerIeu 20
 Db 1 ATGGGAAGTCGCCAGCCAGAGAAATCTGCCAACGCTTGACTTCCTCTGRC 60
 Qy 21 GlcGlyGlnGlyProValThnMetGluAlaGluArgSerIeuAlaValAlaLeu 40
 Db 61 CAAGGCCAGGACCCTGTGACCATGAAAGCCAGAGGAAGGCAAGCCGTCGGCTG 120
 Qy 41 GlySerPheProAlaGluLeuSerLeuArgLeuGluProLeuThr 60

Alignment Scores:
 Pred. No.: 1.64e-149 Length: 786
 Score: 1.347.00 Matches: 260

582 ----- -TCUTGGCCCTGCCCGCTCCC 602
 Db 301 AGGGAGAAAGCAGAGGAACACTGCTGGAAACCCCTGGAGGGCCCTCCCTCATC 360
 Qy 121 ArgGlySerGlnThrArgArgLysSerTyrSerLeuSerValArgLeuSerArgProAla 140
 Db 603 TGGCAAGGATATAACCCTAACCTGTGACTGTGAGGACACCACTCAACTGAAAGCT 662
 Db 361 CGGAGAGCCGACAGGAGGCTTACTCTGTAGTCGGCTCAGGCCTG 420
 Qy 141 SerTyrAspArgLysIleArgLysIleHisCysLeuAspSerGlyTryptophylle 160
 Db 421 TCCTGGAGCCGATGACAATGAGATCAGATGCAATGCTGGCTG 480
 Qy 161 SerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAla 180
 Db 481 TCACCCGGCCCTCACCTCCCTCACCTCAGCCCTGGACCACTTAAC----- 528
 Qy 181 AspAspLeuCysSerLeuLeuLysGluProCysValLeuGln-ArgGluAlaGlyProLeuPr 200
 Db 529 ----- -TCTGAGGGCTGCCGGCTCCC 549
 Qy 200 GlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLe 220
 Db 550 TGGAGGATATAACCCTACCTGTACTGACTGCGGAGACACACTGACTGAAAGCT 609
 Qy 220 uAspSerSerLeuLeuPheSerGluAlaAlaThrGlyGluGluSerLeuSerGluG 240
 Db 610 GGACACCTCCCTCCCTTCCTGAACTGCCCCAGCGGAGGACTCTTCAGTAGGG 669
 Qy 240 YLeuArgGluSerLeuSerPhenylalanylSerLeuAsnAsp-GluLalaValSerLeuAspA 260
 Db 670 TCTCCGGAGTCTCTACATCAGCTCTACATCAGCTGAATGAGCAGGCTGTCTTGGATG 729
 Qy 260 SPAla 261
 Db 730 ATGCG 734

RESULT 6
 US-10-432-746A-6
 ; Sequence 6, Application US/10432746A
 ; GENERAL INFORMATION:
 ; APPLICANT: McGlade, Jane
 ; APPLICANT: Loreto, Michael
 ; TITLE OF INVENTION: ADAPTER GENE
 ; FILE REFERENCE: 3477-102
 ; CURRENT APPLICATION NUMBER: US/10/432,746A
 ; CURRENT FILING DATE: 2003-05-27
 ; PRIOR APPLICATION NUMBER: PCT/CA01/01662
 ; PRIOR FILING DATE: 2001-11-26
 ; PRIOR APPLICATION NUMBER: CA 2,324,663
 ; PRIOR FILING DATE: 2000-11-27
 ; NUMBER OF SEQ ID NOS: 17
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO: 6
 ; LENGTH: 737
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-432-746A-6

Alignment Scores:
 Pred. No.: 9.99e-132 Length: 737
 Score: 1196.50 Matches: 240
 Percent Similarity: 92.02% Conservative: 2
 Best Local Similarity: 91.25% Mismatches: 2
 Query Match: 88.43% Indels: 19
 DB: 17 Gaps: 1
 US-09-939-853A-75 (1-261) x US-10-432-746A-6 (1-737)

Qy 1 MetGlySerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerVal 20
 Db 1 ATGGGAAGTCTGCCAGAGGAAATCTGCCAGAGCTGCAAGCCAGTGTGAGTTCTCTGRC 60
 Qy 21 GlngGlyGlyProValThrMetGluAlaGluArgSerIlysAlaThrAlaValAlaLeu 40
 Db 61 IleValSerGluAspGlyAspTrpTrpThrValLeuSerGluValSerGlyArgGluYr 80
 Db 181 ATGCTCTCTGAGATGGAAGCTGGACCATGGAGCAGGGCAAGGGCAAGGGCTG 120
 Qy 41 GlySerPheProAlaGlyProAlaGluLeuSerLeuArgLeuGluProLeuThr 60
 Db 121 GGCAGTTCCGGCAGTTGGCCAGTGGCCAGTGGCTGAGACTCGGGAGCCATTGACC 180
 Qy 61 IleValSerGluAspGlyAspTrpTrpThrValLeuSerGluValSerGlyArgGluYr 80
 Db 181 ATGCTCTCTGAGATGGAAGCTGGACCATGGAGCAGGGCAAGGGCAAGGGCTG 120
 Qy 1 MetGlySerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerVal 20
 Db 1 ATGGGAAGTCTGCCAGAGCTGCTCCATGGGTGGCTGATAGGGCCCTGAGGC 300
 Qy 21 GlngGlyGlyProValThrMetGluAlaGluArgSerIlysAlaThrAlaValAlaLeu 40

RESULT 8
 US-10-432-746A-1
 ; Sequence 1, Application US/10432746A
 ; Publication No. US20040171537A1
 ; GENERAL INFORMATION:
 ; APPLICANT: McGlade, Jane
 ; TITLE OF INVENTION: ADAPTER GENE
 ; FILE REFERENCE: 3477-102
 ; CURRENT APPLICATION NUMBER: US/10/432,746A
 ; CURRENT FILING DATE: 2003-05-27
 ; PRIORITY FILING DATE: 2001-11-26
 ; PRIORITY APPLICATION NUMBER: PCT/CA01/01662
 ; PRIORITY FILING DATE: 2000-11-27
 ; NUMBER OF SEQ ID NOS: 17
 ; SOFTWARE: Patentin version 3.2
 ; SEQ ID NO 1
 ; LENGTH: 1348
 ; TYPE: DNA
 ; ORGANISM: *Mus musculus*
 ; US-10-432-746A-1

Alignment scores:
 Pred. No.: 2.07e-111 Length: 1348
 Score: 1028.00 Matches: 208
 Percent Similarity: 85.50% Conservative: 16
 Best Local Similarity: 79.39% Mismatches: 34
 Query Match: 75.98% Indels: 4
 DB: 17 Gaps: 3

Qy US-09-939-853a-75 (1-261) x US-10-432-746A-1 (1-1348)

Db 58 CCAGACCCGGAAACCCTGTCATGCCATGCCAGGGTCAACAGGTGGCCCTG 117
 Qy 41 GlySerProAlaGlyIleGluLeuArgLeuSerLeuArgLeuSerLeuArgLeuThr 60
 Db 118 GGCGTTTCCAGGGTAACAGCCCAACTCTGAGCTCGGGAGCCGTCAC 177
 Qy 61 IleValSerGluAspGlyAspPheTrpValLeuSerGluValSerGlyArgGlutYr 80
 Db 178 ATCATCTCAGGATGGAAATTGGACAGTCAGTGGAACTCTAGGGAGACTAC 237
 Qy 81 AsnLeProSerValHisValGlyLysValSerHisGlyTriLeuTyrgluglyLeuSer 100
 Db 238 CACATGCCAGTGCTATGGCTAACTGCCAACGCTGAGGACCTGAG 297
 Qy 101 ArgGluLysAlaGluGluLeuLeuLeuProGlyAlaLeuLeuLeu 120
 Db 298 CGGGAAAGCCGGAAACTACTCTGTAACCTGGAAACCCGGAGGGCCCTCCATC 357
 Qy 121 ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgProAla 140
 Db 358 CGGGAGCCAGGGAGCAAGGAGGGCAAGCCCTGCACTAGGCCCTCTCA 417
 Qy 141 SerTPAspArgIleGlyIleGlySerIleGlySerLeuSerAspGlyTrpLeuTyrlle 160
 Db 418 TCTTCGGACCGGATCAAGAACTACAGGATAACAGCTGTTGACATGGTGGTGATAC 477
 Qy 161 SerProArgLeuThrPhiProSerGlnAlaLeuValAspHisTyrSerGluLeuAla 180
 Db 478 TCACCTCGCCCTCACCTTCCCCTCACTCCAGCCTGGCAGGATTACTCTGAGCTACCA 537
 Qy 181 AspAspIleCysValLeuLeuLysGluProCysValLeuGlnArgAlaGlyProLeuPro 200
 Db 538 GATGGATCTGCTGTCCTCTGGAGCCCTGCTGGAGCTTGGCCACTACT 597
 Qy 201 GlyLyAspIleProLeuProValIthrValGlnArgThrProLeuAsnTrpLysGluLeu 220
 Db 598 GCGAAAGATAACCCGCAACCTGACTGCTGCCAAACATCTCAATGAAAGCTG 657
 Qy 221 AspSerSerLeuLeuPheserGluAla---AlaThrGlyGluGluSerLeuLeuSerGlu 239
 Db 658 GACCGAGGCTCTCGTGTTCCTGAAGAACCTCGGAGGATCTGCTAGTGAG 717
 Qy 240 GlyLeuArgGluSerLeuSerPheTyrIleSerLeuLeuAspGluAlaValSerLeuAsp 259
 Db 718 GGGCTCCGAGAGTCCATGCTCCATGCTGGCTGGAGAC-----CCCTTGGAT 771
 Qy 260 AspAla 261
 Db 772 GATGCT 777

Db 879 GCGAAAGATAACCTCCACCTGCACTCTGCAACATCATCAATGAAAAGCTG 938
 Qy 221 AspSerSerLeuLeuPheserGluAla---AlaThrGlyGluGluSerLeuLeuSerGlu 239
 Db 939 GACCGAGGCTCTGGCTGGAGGACCTCTGCTAGTCAGTCAGTCAGTCAG 998
 Qy 240 GlyLeuArgGluSerLeuSerPheTyrIleSerLeuLeuAspGluAlaValSerLeuAsp 259
 Db 999 GGGCTCCGAGAGTCCATGCTGGCTGGAGAC-----CCCTTGGAT 1052

Db 260 AspAla 261
 Db 1053 GATGCT 1058

RESULT 9
 US-09-867-550-953
 ; Sequence 953, Application US/09867550
 ; Patent No. US2004082206A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Leach, Martin D.
 ; APPLICANT: Mehraban, Fuad,

APPLICANT: Conley, Pamela
 APPLICANT: Law, Debbie
 APPLICANT: Topper, James

TITLE OF INVENTION: Novel US2002008220A1el Polynucleotides from Atherogenic Cells and FILE REFERENCE: 214 02 -013 (Cura-313)

CURRENT APPLICATION NUMBER: US/09/867,550
 CURRENT FILING DATE: 2001-09-20
 PRIOR APPLICATION NUMBER: USN 60/208,427
 PRIOR FILING DATE: 2000-05-30
 NUMBER OF SEQ ID NOS: 2125
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 953
 LENGTH: 763
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-867-550-953

Alignment Scores:
 Pred. No.: 7.9e-88 Length: 763
 Score: 826.00 Matches: 158
 Percent Similarity: 99.37% Conservative: 0
 Best Local Similarity: 99.37% Mismatches: 1
 Query Match: 61.05% Indels: 0
 DB: 9 Gaps: 0

US-09-939-853A-75 (1-261) x US-09-867-550-953 (1-763)

Qy 1 MetGlySerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerVal 20
 Db 286 ATGGGAAGTCCTGCCAACAGAGAAATCTGCCAACAGCAAGCTTGAGTC 345

Qy 21 GlnglyslnglyProValThrMetGluAlaGluAla9SerIysSalThrAlaAlaLeu 40
 Db 346 CAAGGCCAGGACATGTGACCATGGAGGAGAGAGAACAGGCCAACAGCC 405

Qy 41 GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLysLenglyGluProLeuThr 60
 Db 406 GGCAGTTCCGGCAGTGGCGGAGACTCGGCCCTGAGACTCGGGAGCCATTGACC 465

Qy 61 IleValSerGluAspGlyAspTrpTrpThrValLeuSerGluValSerGlyArgGluTyr 80
 Db 466 ATCGTCTCTGAGGTGAGACTGGTCACTGCTGAGTCCTGCCAGAGAT 525

Qy 81 AsnIleProSerValIlysValSerHisGlyTrpLeuArgLysLenglyLeuSer 100
 Db 526 AACATCCACGGTCCACGTGCCAAAGTCTCCATGGTGGCTGTTAGGGCCTGAGC 585

Qy 101 ArgGluIlysAlaGluGluLeuLeuLeuLeuProGlyIysAsnProGlyIysAlaPheLeuIle 120
 Db 586 AGGGAGAAAGCAAGGAACTCTGTTGTTACCTGGAAACCTGGAGGGCTCTCATC 645

Qy 121 ArgGluSerGinThrArgArgGlySerTerSerLeuSerArgLeuSerArgProAla 140
 Db 646 CGGAGAACGCAACGGATCAAGACTACAGGATCAACTGCTGACAATGGCTGGCTGTC 762

RESULT 10
 US-09-814-353-21302 Sequence 21302, Application US/09814353

GENERAL INFORMATION:
 APPLICANT: Lee, John
 APPLICANT: Thompson, Pamela
 APPLICANT: Lillie, James
 TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND TREATMENT OF OVARIAN CANCER
 FILE REFERENCE: MRI-006B
 CURRENT APPLICATION NUMBER: US/09/814,353

APPLICANT: Mehraban, Fuad,
 APPLICANT: Conley, Pamela
 APPLICANT: Law, Debbie
 APPLICANT: Topper, James

CURRENT FILING DATE: 2001-03-21
 PRIORITY APPLICATION NUMBER: US 60/191,031
 PRIOR FILING DATE: 2000-03-21
 PRIORITY APPLICATION NUMBER: US 60/207,124
 PRIORITY APPLICATION NUMBER: US 60/205-25
 PRIORITY APPLICATION NUMBER: US 60/211,940
 PRIORITY APPLICATION NUMBER: US 60/216,820
 PRIORITY APPLICATION NUMBER: US 60/216-07
 PRIORITY APPLICATION NUMBER: US 60/220,661
 PRIORITY APPLICATION NUMBER: US 60/257,672
 PRIORITY APPLICATION NUMBER: US 60/257-25
 NUMBER OF SEQ ID NOS: 22037
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 21302
 LENGTH: 864
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: 1, 2, 3, 32, 802, 863, 864
 OTHER INFORMATION: n = A,T,C or G
 US-09-814-353-21302

Alignment Scores:
 Pred. No.: 4.41e-66 Length: 864
 Score: 643.00 Matches: 126
 Percent Similarity: 98.45% Conservative: 1
 Best Local Similarity: 97.67% Mismatches: 2
 Query Match: 47.52% Indels: 0
 DB: 10 Gaps: 0

US-09-939-853A-75 (1-261) x US-09-814-353-21302 (1-864)

Qy 1 MetGlySerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerVal 20
 Db 450 ATGGGAAGTCCTGCCAACAGCAAGAAATCTGCCAACAGCCAAAGCTTGAGTC 509

Qy 21 GlnglyGlnGlyProValThrMetGluAlaGluIlysSerIysAlaThrAlaAlaLeu 40
 Db 510 CAAGGCCAGGACATGTGACCATGGAGAAAGCAAGGCAACGCGTGCCTCG 569

Qy 41 GlySerPheProAlaGlyGlyProMalaGluLeuSerLeuArgLenglyGluProLeuThr 60
 Db 570 GGCACTTTCCGGAGGTGGCTGCCCGAACCTGTCGACTCGGGAGCCATGACC 629

Qy 61 IleValSerGluIlysAlaGluGluLeuLeuLeuLeuProGlyIysAsnProGlyIysAlaPheLeuIle 120
 Db 630 ATCGTCTCTGAGGTGAGAAGCTGTTGAGCTGGTCAAGTCAGGAGAGAAGTAT 689

Qy 81 AsnIleProSerValIlysValSerHisGlyTrpLeuArgLysLenglyLeuSer 100
 Db 690 AACATCCACGGTCAAGCTGCTGTTAGCTCCATGGTGGCTGTTAGGGCTGAGC 749

Qy 101 ArgGluIlysAlaGluGluLeuLeuLeuLeuProGlyIysAsnProGlyIysAlaPheLeuIle 120
 Db 750 AGGGAAAGCAACGGATCAACTGCTGACAATGGCTGGCTGTCAGTGGTCACTGCTCATC 809

Qy 121 ArgGluSerGinThrArgArgGlySer 129
 Db 810 CGGGAGAGGCCAGCACGGAGAGGTC 836

RESULT 11
 US-09-867-550-1915
 Sequence 1915, Application US/09867550
 Patent No. US2000082206A1
 GENERAL INFORMATION:
 APPLICANT: Leach, Martin D.
 APPLICANT: Mehraban, Fuad,
 APPLICANT: Conley, Pamela
 APPLICANT: Law, Debbie
 APPLICANT: Topper, James

TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
 TITLE OF INVENTION: Thereby
 FILE REFERENCE: 21402-011 (Cura-311)
 CURRENT APPLICATION NUMBER: US/09/67, 550
 CURRENT FILING DATE: 2001-09-20
 PRIOR APPLICATION NUMBER: USSN 60/208, 427
 PRIOR FILING DATE: 2000-05-30
 NUMBER OF SEQ ID NOS: 2125
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 1915
 LENGTH: 875
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)
 OTHER INFORMATION: Wherein n is one of a or t or c or g
 US-09-867-550-1915

 Alignment Scores:

	Alignment	Score:	Length:
Qy	Pred. No. :	2.52e-59	875
Qy	Score:	586.00	Matches: 112
Db	Percent Similarity:	100.00%	Conservative: 0
Db	Best Local Similarity:	100.00%	Mismatches: 0
Qy	Query Match:	43..31\$	Indels: 0
Db	DB:	9	Gaps: 0

 US-09-939-853A-75 (1-261) x US-09-867-550-1915 (1-875)

 Qy 150 IleHisCysLeuAspAsnGlyTrpLeuTerTyrIleSerProArgLeuThrPheProSerLeu 169
 Qy 151 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 4 ATCCACTGCCTTGACATGGCTGGCTACATCTCACCGGCCTCACCTTCCTCACTC 63

 Qy 170 GlnAlaLeuValAspIleTyrSerGluLeuAlaAspIleCysCysLeuLeuGlu 189
 Db 64 CAGGCCCTGGTGACATTACTCTGACTGGGGATGACATCTGGGGATGACATCTGGCTACTCAAGGAG 123

 Qy 190 ProCysValLeuLeuGlnArgAlaGlyProLeuProGlyLysAspIleProLeuProValThr 209
 Db 124 CCCTGTCTCCCTCGAGCGCTGCCGTCGGAGGATATACCCCTACCTGTGACT 183

 Qy 210 ValGlnIleGlnGlnProLeuAsnTyrIleGlyLeuAspSerSerIleuLeuPheSerGluAla 229
 Db 184 GTGCAAGGAGAACACTCAACTGAAAGAGTGACAGCTCCCTGTTTGAACT 243

 Qy 230 AlaThrGlyLgluLeuSerLeuLeuSerGluLeuSerPhetYtyle 249
 Db 244 GCAACAGGGGAGGTCTTCTCACTGAGGTCTCCGGAGTCGCTCTACATC 303

 Qy 250 SerLeuAsnAspGluAlaValSerLeuAspAspAla 261
 Db 304 AGCGTGAATGACCGAGGTCTCTGGATGARGGCC 339

 RESULT 12
 US-10-002-600-91
 ; Sequence 91, Application US/10002600
 ; Publication No. US20020137077A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hopkins, Christopher M.
 ; APPLICANT: Peterson, David P.
 ; APPLICANT: Cocks, Benjamin G.
 ; APPLICANT: Hawkins, Phillip R.
 ; TITLE OF INVENTION: GENES REGULATED IN ACTIVATED T CELLS
 ; FILE REFERENCE: PA-0042 US
 ; CURRENT APPLICATION NUMBER: US/10/002, 600
 ; CURRENT FILING DATE: 2001-10-25
 ; PRIOR APPLICATION NUMBER: 60/243, 521
 ; PRIOR FILING DATE: 2000-10-25
 ; NUMBER OF SEQ ID NOS: 116
 ; SOFTWARE: PERL Program
 ; SEQ ID NO: 91
 ; LENGTH: 3756
 ; myop. DNA

```

APPLICANT: Young, Paul
TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Cancer
FILE REFERENCE: 689290-76
CURRENT APPLICATION NUMBER: US/09/954,456
CURRENT FILING DATE: 2001-09-18
PRIORITY APPLICATION NUMBER: US/60/233,617
PRIOR FILING DATE: 2000-09-18
PRIORITY APPLICATION NUMBER: US/60/234,052
PRIOR FILING DATE: 2000-09-20
PRIORITY APPLICATION NUMBER: US/60/234,923
PRIOR FILING DATE: 2000-09-25
PRIORITY APPLICATION NUMBER: US/60/235,134
PRIOR FILING DATE: 2000-09-25
PRIORITY APPLICATION NUMBER: US/60/235,637
PRIOR FILING DATE: 2000-09-26
PRIORITY APPLICATION NUMBER: US/60/235,638
PRIOR FILING DATE: 2000-09-26
PRIORITY APPLICATION NUMBER: US/60/235,711
PRIOR FILING DATE: 2000-09-27
PRIORITY APPLICATION NUMBER: US/60/235,720
PRIOR FILING DATE: 2000-09-27
PRIORITY APPLICATION NUMBER: US/60/235,840
PRIOR FILING DATE: 2000-09-27
PRIORITY APPLICATION NUMBER: US/60/235,863
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 2276
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 499
LENGTH: 2665
TYPE: DNA
ORGANISM: Homo sapiens
US-09-954-456-499

Alignment Scores:
Pred. No.: 6.21e-47 Length: 2665
Score: 487.00 Matches: 101
Percent Similarity: 57.20% Conservative: 46
Best Local Similarity: 39.30%
Query Match: 35.99%
DB: 9 Gaps: 3

US-09-939-853A-75 (1-261) x US-09-954-456-499 (1-2665)

Qy      5 ProSerArgArglySerIleProSerProSerLeuSerSerServAlaLeuSerGlnGlyGlnGly 24
Db      24 CCAGGGAAAAGAAAGAAATGGAAACAGCATGAAATCCACCCCTGCCTGCCGAGAGCC 83

Qy      25 ProValThrMetGuaAlaGluArgSerLysValAlaValAlaLeuGlySerPhePro 44
Db      84 CCCCTGCCAACCCGGAGGGACTGGACTATGGACTTCCTGGCTTAAGTGACTACCCG 143

Qy      45 AlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThrIleValSerGlu 64
Db      144 TCTCTGACATCAGCCCCGATATTCCCGGAGGGAAACGCGTGTGATTCCTG 203

Qy      65 AspGlyAspTrpTrpThrValLeuSerGluValSerGlyArgGluTyrosineProser 84
Db      204 GAACGGGCTGGTGGAAAAGCTATTCTCTTAGCTACTGGAGTTACATCCCTGGA 263

Qy      85 ValHisValGlyLysValSerHisClyTrpLeutyrGluGlyLeuSerArgGluLysAla 104
Db      264 ATATCTGTGCCAGAGTTACCAGGGCTGGCTGGCTGGGCTGGCAAGAGGCC 323

Qy      105 GluGluLeuLeuLeuLeuProGlyAsnProGlyGlyAlaPhenylLeargGluSerGln 124
Db      324 GAGGAGCTGGCTGGCTCCCTCAAGATCAGAGAGTGAG 383

Qy      125 ThraGArgGlySerTyrSerLeuSerValArgLeuSerArgProAlaSerTrpAspArg 144
Db      384 ACCAGAAAGGTTTACTCTGCTGAGA-----CACAGGCG 425

Qy      145 IleArgHistYArgLysArgLeuHisCysLeuAspAsnGlyTrpLeutyrIleSerProArgLeu 164

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426 GTAAACATTACCGCATTTCCGTGCGAACACAATGGTACTAGTTCCCGAGGCTC 485
 165 ThrPheProSerLeuGlnAlaLeuValAlaPhistYSerGluLeuAlaAspSerIleCys 184
 486 ACCCTCACGTCCTGGACCTTGAGGAACTTCAAGGTTGAAACTTATTCAGGTCCTGAGGCTGC 545
 185 CysLeuLeuLysGluProCysValleGlnArgAlaGlyProLeuProGlyLysAsparile 204
 546 TGTGCTTACACGCCCTGCCTGACACAAGCACCCAGCAGTGAGGGCTCC 605
 205 ProLeuProValThrValGlnArgThrProLeuAsnTrpLeuGluLeuAspSerSerLeu 224
 606 AGCTCACCTGTCACCTGGCTCAGAAGACTGTGGACTGGAGACTGTCCAGA----- 659
 225 LeuPheSerGluAlaAlaAlaAlaAla----- GluGluSerIleLeu 237
 660 --CAGCAGGAAACCCCAGGGAAACAGAGAACCCGCTGGGTAGACGAGACTCCCTTTTC 716
 238 SerGluGlyLeuIleArgLeuSerLeuSerPhenylIleSerLeuAsnAspGlu 254
 717 AGCTATGGCTTCGAAGGATTGCTTACCTGCTTACCTGCTTACCTGCTTACCTGAGCAAGTGTAG 767

T 14
-172-118-1312

Sequence 1312. Application US/10172118

Application No. US20030224374A1

GENERAL INFORMATION:

 APPLICANT: Dai, Hongyue
 He, Yudong
 Linsley, Peter
 Mao, Mao
 Roberts, Chris
 Van 't Veer, Laura
 Van de Vijver, Marc
 Bernard, Rene
 Title of Invention: Diagnosis and Prognosis of Breast Cancer Patients
 Priority Reference: 9301-175-999
 Current Application Number: US/10/172,118
 Current Filing Date: 2004-06-14
 Prior Application Number: 60/380,770
 Prior Filing Date: 2002-05-14
 Number of SEQ ID NOS: 2699
 ID NO: 1312
 TYPE: DNA
 ORGANISM: Homo sapiens

PUBLICATION INFORMATION:

 DATABASE ACCESSION NUMBER: NM_006748
 DATABASE ENTRY DATE: 2001-06-18
 -172-118-1312

Alignment Scores:

No.:	Length:
6.23e-47	2665
487.00	Matches: 101
Ant. Similarity: 57.20%	Conservative: 46
Local Similarity: 39.30%	Mismatches: 94
Match: 35.99%	Indels: 16
	Gaps: 3

1-939-853A-75 (1-261) x US-10-172-118-1312 (1-2665)

5 ProSerArgArgLysSerIleProSerProSerUserSerServAlaGlyGlnGly 24
 24 CCAGGGAAAAGAAAGAAATGGAAAACAGCATGAAATCCACCCCTGCGCTGCGAGAGGG 83

25 ProValThrNetGluAlaGluArgSerIleSalaThrAlaValAlaLeuGlySerPro 44
 84 CCCCTGCCZACCCGGAGGACTGTGATGGACTCTGTCGCGMGCTAAGTGAATCCG 143

45 AlaGlyGlyProAlaGluLeuSerIleArgLeuGlyGluProLeuThrIleValSerGlu 64

144 TCTCTGGACATGCCGGGATATTCCGCGAGGAACACTSGCGTGTGATTCTGTGAT 203

Score: 487.00 Matches: 101
 Percent Similarity: 57.20% Conservative: 46
 Best Local Similarity: 39.30% Mismatches: 94
 Query Match: 35.99% Indels: 16
 DB: 16 Gaps: 3

US-09-939-853a-75 (1-261) x US-10-342-887-1312 (1-2665)

Qy 5 ProSerArgArgYleSerLeuUserProSerProSerLeuUserSerValAlaGlyGlnGly 24
 Db 24 CCAGGGCTGGTGGAAACCTATTCCTACTGCTGGAGAGTTACATCCCTGGA 263

Qy 105 GluGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuIleArgGluUserGln 124
 Db 324 GAGGGCTCCTGCACCTGCCAGCACACAAAGGTGGCTCTCATGATAAGAGTGAG 383

Qy 125 ThrArgArgGlySertyrSerLeuSerValArgLeuSerArgProAlaSerTrpAspArg 144
 Db 384 ACCAAAGAAAGGTTTACTCACTTCCTGGTGAGA-----CACAGGCGAG 425

Qy 145 IleArgHistYtArSileIleIscYleLeuAspAsnGlyTrpLeuTyrlIleSerProArgLeu 164
 Db 426 GTAANGCATATTACCGATTTACCGATTTACCGATTTACCGATTTCCCGAGGGTC 485

Qy 165 ThrPheProSerLeuGlnIalaLeuValAspHistYtSerGluLeuAlaAspAspIleYs 184
 Db 486 ACCCTTCAGGTCCTGGAGGACCTGTTGAGAACACTATTCTGAGTGGCTATGGCCTGTGC 545

Qy 185 CysLeuIleYsGluProCysValLeuGlnArgAlaGlyProLeuProGlyLyAspIle 204
 Db 546 TGTGTCCTTACCCACGCCCTGCCTGACAAAGCAGGGTCCCCAGAGCTGGCTCT 605

Qy 205 ProLeuProValThrValGlnIargThrProLeuAsnTrpIysGluLeuAspSerSerLeu 224
 Db 606 AGCTCACCTGTCACCTTGGCTCAGAACAGACTGTCGACTGTCAGGAGAGTGTCCAGA-----659

Qy 225 LeuPheSerGluAlaAlaIthrGly-----GluLeuSerIleLeu 237
 Db 660 ---CTGAGGGGAGCCCCGGAGGAAACCGGCTGGGTGAGACGAGTCCCTTTCCT 716

Qy 238 SerGluGlyLeuArgGluSerSerPheYtIleSerLeuAsnAspGlu 254
 Db 717 AGCTATGCCCTGAGAGCATTCGCTGACCACTGCTGACCACTGAG 767

RESULT 15
 US-10-342-887-1312
 Sequence 1312, Application US/10342887
 Publication No. US20040058340A1
 GENERAL INFORMATION:
 APPLICANT: Dai, Hongyue
 APPLICANT: He, Yudong
 APPLICANT: Linsley, Peter S.
 APPLICANT: Mao, Mao
 APPLICANT: Robert, Christopher J.
 APPLICANT: van 't Veer, Laura Johanna
 APPLICANT: Van de Vijver, Marc J.
 TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Patients
 FILE REFERENCE: 9301-188-999
 CURRENT APPLICATION NUMBER: US/10/342,887
 CURRENT FILING DATE: 2003-01-15
 PRIOR APPLICATION NUMBER: 60/298,918
 SEQ ID NO: 1312
 LENGTH: 2665
 TYPE: DNA
 ORGANISM: Homo sapiens
 Alignment Scores:
 Pred. No.: 6.23e-47 Length: 2665

Search completed: December 30, 2004, 19:35:11
 Job time : 590 secs

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OM nucleic - nucleic search, using sw mode1

Run on: December 30, 2004, 13:02:59 ; Search time 3.42126 Seconds
(without alignments)
4155.126 Million cell updates/sec

Title: US-09-939-853A-140

Perfect score: 20

Sequence: 1 ctggacaggtaggccttg 20

Scoring table: IDENTITY NUC Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394411 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA:
1: /cggn2_6/priodata/1/ina/5A_COMB.seq;
2: /cggn2_6/priodata/1/ina/5B_COMB.seq;
3: /cggn2_6/priodata/1/ina/6A_COMB.seq;
4: /cggn2_6/priodata/1/ina/6B_COMB.seq;
5: /cggn2_6/priodata/1/ina/PCTUS_COMB.seq; *
6: /cggn2_6/priodata/1/ina/backfile1.seq; *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query %	Match	Length	DB ID	Description	
1	15.8	79.0	4170	4	US-09-919-039-221	Sequence 221, App	
2	15.8	79.0	99916	4	US-09-816-095-3	Sequence 3, Appli	
c	3	76.0	303	4	US-09-489-039A-4299	Sequence 4299, Ap	
c	4	15.2	76.0	1515	4	US-09-071-035-431	Sequence 431, App
c	5	15.2	76.0	1803	4	US-09-071-035-429	Sequence 429, App
c	6	15.2	76.0	2481	4	US-09-134-000C-3193	Sequence 3193, Ap
c	7	15.2	76.0	2611	4	US-09-620-312D-925	Sequence 925, Appli
c	8	15.2	76.0	3614	4	US-09-321-013A-9	Sequence 9, Appli
c	9	74.0	48974	3	US-08-422-422-17	Sequence 17, Appli	
c	10	14.8	74.0	374	4	US-09-513-999C-3050	Sequence 3050, Ap
c	11	14.8	74.0	514	4	US-09-621-916-1454	Sequence 14354, A
c	12	14.8	74.0	2068	2	US-08-166-589-1	Sequence 1, Appli
c	13	14.8	74.0	2068	2	US-08-000-636-1	Sequence 1, Appli
c	14	14.8	74.0	2068	3	US-08-467-574-1	Sequence 1, Appli
c	15	14.8	74.0	2068	3	US-09-217-341-1	Sequence 1, Appli
c	16	14.8	74.0	2068	4	US-09-392-985-1	Sequence 1, Appli
c	17	14.8	74.0	2277	1	US-08-496-852A-1	Sequence 1, Appli
c	18	14.8	74.0	2277	4	US-08-187-596-1	Sequence 1, Appli
c	19	14.8	74.0	2352	2	US-08-889-909A-21	Sequence 21, Appli
c	20	14.8	74.0	2352	3	US-09-156-162A-21	Sequence 21, Appli
c	21	14.8	74.0	2352	4	US-09-382-308B-21	Sequence 21, Appli
c	22	14.8	74.0	2430	1	US-08-062-368-1	Sequence 1, Appli
c	23	14.8	74.0	2664	4	US-08-660-451A-1	Sequence 1, Appli
c	24	14.8	74.0	6268	4	US-09-666-921-57	Sequence 57, Appli
c	25	14.8	74.0	18994	1	US-08-459-586-4	Sequence 4, Appli
c	26	14.8	74.0	18994	2	US-08-382-694-4	Sequence 4, Appli
c	27	14.0	74.0	30350	4	US-10-118-328-3	Sequence 3, Appli

RESULT 1
US-09-919-039-221
; Sequence 221, Application US/09919039
; Patent No. 6727066

GENERAL INFORMATION:
; APPLICANT: Kaser, Matthew R.
; TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELLS CULTURES
; FILE REFERENCE: PA-0035.US
; CURRENT APPLICATION NUMBER: US/09/919,039
; CURRENT FILING DATE: 2002-09-09
; PRIORITY APPLICATION NUMBER: 60/222,113
; PRIORITY FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 401
; SOFTWARE: PERL Program
; SEQ ID NO: 221
; LENGTH: 4170
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. 6727066 2278688CB1
US-09-919-039-221

Query Match 79.0%; Score 15.8; DB 4; Length 4170;
Best Local Similarity 89.5%; Pred. No. 66;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CTGGAGGGTAGGGCTTT 19
Db 2638 CTGGAGGGTAGGGCTTT 2656

RESULT 2
US-09-816-095-3
; Sequence 3, Application US/09816095
; Patent No. 6664084
; GENERAL INFORMATION:
; APPLICANT: GAN, Weiniu
; TITLE OF INVENTION: ISOLATED HUMAN ENZYME PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN ENZYME PROTEINS, AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: CL001147
; CURRENT APPLICATION NUMBER: US/09/816,095
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 3
; LENGTH: 99916
; TYPE: DNA
; ORGANISM: Human

FEATURE:
i ; NAME/KEY: misc_feature
i ; LOCATION: (1)..(9916)
i ; OTHER INFORMATION: n = A,T,C or G

US-09-816-095-3

Query Match 79.0%; Score 15.8; DB 4; Length 9916;
 Best Local Similarity 89.5%; Pred. No. 1,1e+02; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Mismatches 2;

Qy 2 TGGACAGGTAGGGCTTGTG 20
 Db 5532 TGGACAGGTAGGGCTTGTG 5550

RESULT 3
 US-09-489-039A-4299/C
i Sequence 429, Application US/09489039A
i Patent No. 6610836

GENERAL INFORMATION:
i APPLICANT: Gary Breton et. al.
i TITLE OF INVENTION: NUCLEARIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
i FILE REFERENCE: 2709 2004001

CURRENT FILING DATE: 2000-01-27
 PRIOR APPLICATION NUMBER: US 60/117,747
 PRIOR FILING DATE: 1999-01-29
 NUMBER OF SEQ ID NOS: 14342
 SEQ ID NO 4299
 LENGTH: 303
 TYPE: DNA
 ORGANISM: Klebsiella pneumoniae

US-09-489-039A-4299

Query Match 76.0%; Score 15.2; DB 4; Length 303;
 Best Local Similarity 85.0%; Pred. No. 87; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Mismatches 3;

Qy 1 CTGGACAGGTAGGGCTTGTG 20
 Db 250 CTGGACAGGTAGGGCTTGTG 231

RESULT 4
 US-09-071-035-431
i Sequence 431, Application US/09071035
i Patent No. 644843

GENERAL INFORMATION:
i APPLICANT: Gil H. Choi
i TITLE OF INVENTION: Enterococcus faecalis Polynucleotides and Polypeptides
i NUMBER OF SEQUENCES: 496

CORRESPONDENCE ADDRESS:
i ADDRESSEE: Human Genome Sciences, Inc.
i STREET: 9410 Key West Avenue
i CITY: Rockville
i STATE: Maryland
i COUNTRY: USA

ZIP: 20850

COMPUTER READABLE FORM:
i MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
i COMPUTER: HP Vectra 486/33
i OPERATING SYSTEM: MSDOS version 6.2
i SOFTWARE: ASCII Text
i CURRENT APPLICATION DATA:
i APPLICATION NUMBER: US/09/071,035
i FILING DATE:
i CLASSIFICATION:
i PRIOR APPLICATION DATA:
i APPLICATION NUMBER:
i FILING DATE:

RESULT 5
 US-09-071-035-429
i Sequence 429, Application US/09071035
i Patent No. 6448043

GENERAL INFORMATION:
i APPLICANT: Gil H. Choi
i TITLE OF INVENTION: Enterococcus faecalis Polynucleotides and Polypeptides
i NUMBER OF SEQUENCES: 496

CORRESPONDENCE ADDRESS:
i ADDRESSEE: Human Genome Sciences, Inc.
i STREET: 9410 Key West Avenue
i CITY: Rockville
i STATE: Maryland
i COUNTRY: USA

ZIP: 20850

COMPUTER READABLE FORM:
i MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
i COMPUTER: HP Vectra 486/33
i OPERATING SYSTEM: MSDOS version 6.2
i SOFTWARE: ASCII Text
i CURRENT APPLICATION DATA:
i APPLICATION NUMBER: US/09/071,035
i FILING DATE:
i CLASSIFICATION:
i PRIOR APPLICATION DATA:
i APPLICATION NUMBER:
i FILING DATE:
i ATTORNEY/AGENT INFORMATION:
i NAME: A. Anders Brookes

Query Match 76.0%; Score 15.2; DB 4; Length 1803;
 Best Local Similarity 85.0%; Pred. No. 1,2e+02; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Mismatches 3;

Qy 1 CTGGACAGGTAGGGCTTGTG 20
 Db 690 CTGGACAGGTAGGGCTTGTG 709

RESULT 6
US-09-134-000C-3193 ; Sequence 3193, Application US/09134000C
; Patent No. 6617156
GENERAL INFORMATION:
APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 032796-032
CURRENT APPLICATION NUMBER: US/09/134,000C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/055,778
PRIOR FILING DATE: 1997-08-15
NUMBER OF SEQ ID NOS: 6812
SOFTWARE: Patent In version 3.1
SEQ ID NO 3193
LENGTH: 2481
TYPE: DNA
ORGANISM: Enterococcus faecalis
us-09-134-000C-3193

Query Match Score 76.0%; Length 2481;
Best Local Similarity 85.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CTGGACAGGTAGGGCTTG 20
Db 687 CTGGACAGGTAGGGCTTG 706

RESULT 7
US-09-620-312D-925 ; Sequence 925, Application US/09620312D
; Patent No. 6559662
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Ren, Feiyan
APPLICANT: Chen, Rui-hong
APPLICANT: Zhao, Qing A.
APPLICANT: Wehrman, Tom
APPLICANT: Xue, Aidong J.
APPLICANT: Yang, Yongqiong
APPLICANT: Wang, Jian-Rui
APPLICANT: Zhou, Ping
APPLICANT: Ma, Yunqing
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Zhiwei
APPLICANT: John Tillirghast
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP2B
CURRENT APPLICATION NUMBER: US/09/620,312D
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1105
SOFTWARE: pt_FL_genes Version 1.0
SEQ ID NO 925
LENGTH: 2611
TYPE: DNA
ORGANISM: Homo sapiens
NAME/KEY: CDS
us-09-620-312D-925

Query Match Score 76.0%; Length 2611;

Best Local Similarity 85.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
RESULT 8
US-09-221-013A-9/c
; Sequence 9, Application US/09221013A
; Patent No. 6495740
GENERAL INFORMATION:
APPLICANT: Arioli, Antonio
APPLICANT: Williamson, Richard E.
APPLICANT: Betzner, Andreas S.
APPLICANT: Peng, Liangcai
TITLE OF INVENTION: Manipulation of cellulose and/or Beta-1,4-glucan
FILE REFERENCE: 96-98
CURRENT APPLICATION NUMBER: US/09/221,013A
CURRENT FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: PCT/AU97/00402
PRIOR FILING DATE: 1997-06-24
PRIOR APPLICATION NUMBER: AU P00699
PRIOR FILING DATE: 1996-06-27
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 9
LENGTH: 3614
TYPE: DNA
ORGANISM: Arabidopsis thaliana
FEATURE:
NAME/KEY: CDS
LOCATION: (217)...(3411)
US-09-221-013A-9

Query Match Score 76.0%; Length 3614;
Best Local Similarity 85.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
RESULT 9
US-08-920-422-17/C
; Sequence 17, Application US/08920422A
; Patent No. 6255473
GENERAL INFORMATION:
APPLICANT: Vitek, Michael P.
APPLICANT: Mitsuda, No. 6255473
APPLICANT: Vittek, Michael P.
APPLICANT: Mitsuda, No. 6255473
TITLE OF INVENTION: Presenilin-1 Gene Promoter
FILE REFERENCE: VITEREXPRESNLIN
CURRENT APPLICATION NUMBER: US/08/920,422A
CURRENT FILING DATE: 1997-08-29
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 48974
TYPE: DNA
ORGANISM: Mus musculus
US-08-920-422-17

Query Match Score 76.0%; Length 48974;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1 CTGGACAGGTAGGGCTTG 20
Db 33769 CTGGCAGGATGGCTGTG 33750

RESULT 10
US-09-513-999C-3050/c
Sequence 3050, Application US/09513999C
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Duclert, A.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
PATENT NO. 6783961.
FILE REFERENCE: 59.US2.REG
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent .pm
SEQ ID NO 3050
LENGTH: 374
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE: misc_feature
NAME/KEY: CDS
LOCATION: 214..372
FEATURE:
NAME/KEY: misc_feature
LOCATION: 61
OTHER INFORMATION: m=a or c
FEATURE:
NAME/KEY: misc_feature
LOCATION: 65
OTHER INFORMATION: k=g or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: 73
OTHER INFORMATION: m=a or c
FEATURE:
NAME/KEY: misc_feature
LOCATION: 267
OTHER INFORMATION: w=a or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: 294
OTHER INFORMATION: m=a or c
FEATURE:
NAME/KEY: misc_feature
LOCATION: 295
OTHER INFORMATION: m=a or c
FEATURE:
NAME/KEY: misc_feature
LOCATION: 334
OTHER INFORMATION: m=a or c
FEATURE:
NAME/KEY: misc_feature
LOCATION: 340
OTHER INFORMATION: r=a or g
FEATURE:
NAME/KEY: UNSURE
LOCATION: 28
OTHER INFORMATION: Xaa=His or Asn
FEATURE:
NAME/KEY: UNSURE
LOCATION: 41
OTHER INFORMATION: Xaa=Leu or Met
FEATURE:
NAME/KEY: UNSURE
LOCATION: 43
OTHER INFORMATION: Xaa=Met or Val

Query Match 74.0%; Score 14.8; DB 4; Length 374;
Best Local Similarity 88.9%; Pred. No. 1.5e+02; Mismatches 2; Indels 0; Gaps 0;

QY 3 GGACAGGTAGGGCTTG 20
Db 202 GGACTGGTACGGTTG 185

RESULT 11
US-09-621-976-14354/c
Sequence 14354, Application US/09621976
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTs and Encoded Human Proteins.
FILE PREFERENCE: GENSET.05PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent .pm
SEQ ID NO 14354
LENGTH: 514
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 254
OTHER INFORMATION: n=a, g, c or t

US-09-621-976-14354

Query Match 74.0%; Score 14.8; DB 4; Length 514;
Best Local Similarity 88.9%; Pred. No. 1.5e+02; Mismatches 2; Indels 0; Gaps 0;

QY 3 GGACAGGTAGGGCTTG 20
Db 311 GGACGGTAGGGCTTG 294

RESULT 12
US-08-46-589-1/c
Sequence 1, Application US/08466589
Patent No. 583789
GENERAL INFORMATION:
APPLICANT: Elliot, Kathryn J.
APPLICANT: Ellis, Steven B.
APPLICANT: Harpold, Michael M.
TITLE OF INVENTION: HUMAN NEURONAL NICOTINIC ACETYLCHOLINE
TITLE OF INVENTION: RECEPTOR COMPOSITIONS AND METHODS EMPLOYING SAME
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martini, Haller & McClain
STREET: 1660 Union Street
CITY: San Diego
STATE: CA
ZIP: 92101-9226
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,589
FILING DATE: June 5, 1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/028,031

FILING DATE: March 8, 1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Seidman, Stephanie L.
 REGISTRATION NUMBER: 33..779
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 619-238-0999
 TELEX: 619-238-0062
 TELEX:
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2068 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: both
 TOPOLOGY: both
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 166..1752
 US-08-466-589-1

Query Match Score 14.8; DB 2; Length 2068;
 Best Local Similarity 88.9%; Pred. No. 1.9e+02;
 Matches 16; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 3 GGACAGCTTAGGGCTTG 20
 Db 144 GGTCAAGTCAGGGCTTG 127

RESULT 14
 US-08-467-574-1/C
 Sequence 1, Application US/08467574
 Patent No. 6022704
 GENERAL INFORMATION:
 APPLICANT: Elliot, Kathryn J.
 APPLICANT: Ellis, Steven B.
 APPLICANT: Harpold, Michael M.
 TITLE OF INVENTION: HUMAN NEURONAL NICOTINIC ACETYLCHOLINE
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Brown, Martin, Haller & McClain
 STREET: 1660 Union Street
 CITY: San Diego
 STATE: CA
 COUNTRY: USA
 ZIP: 92101-2926
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: PatSeq Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/467,574
 FILING DATE: June 5, 1995
 CLASSIFICATION: 536
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/028,031
 FILING DATE: March 8, 1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Seidman, Stephanie L.
 REGISTRATION NUMBER: 33..779
 REFERENCE/DOCKET NUMBER: 6362-9949
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 619-238-0062
 TELEFAX: 619-238-0062
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2068 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: both
 TOPOLOGY: both
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 166..1752
 US-08-467-574-1

Query Match Score 14.8; DB 3; Length 2068;
 Best Local Similarity 88.9%; Pred. No. 1.9e+02;
 Matches 16; Conservative 0; Mismatches 2;
 Indels 0; Gaps 0;

Qy 3 GGACAGCTTAGGGCTTG 20
 Db 144 GGTCAAGTCAGGGCTTG 127

RESULT 15
US-09-217-345-1/c
Sequence 1, Application US/09217345
Patent No. 6303753
GENERAL INFORMATION:
APPLICANT: Elliot, Kathryn J.
APPLICANT: Ellis, Steven B.
APPLICANT: Harpold, Michael M.
TITLE OF INVENTION: HUMAN NEURONAL NICOTINIC ACETYLCHOLINE RECEPTOR COMPOSITIONS AND METHODS EMPLOYING SAME
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4220 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/217,345
FILING DATE: 21-DBC-98
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/467,574
FILING DATE: 05-TUN-95
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/466,589,
FILING DATE: 05-TUN-95
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/028,031
FILING DATE: 08-MAR-93
ATTORNEY/AGENT INFORMATION:
NAME: Saidman, Stephanie L.
REFERENCE/DOCKET NUMBER: 33,779
REGISTRATION NUMBER: 24735-9949B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-450-8400
TELEFAX: 619-587-5360
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2068 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 166..1752

US-09-217-345-1
Query Match 74.0%; Score 14.8; DB 3; Length 2068;
Best Local Similarity 88.9%; Pred. No. 1.9e+03; Mismatches 2; Indels 0; Gaps 0;

QY 3 GGACAGGTTAGGGCTTGTG 20
Db 144 GGTCAGGTCAGGGCTTGTG 127

Search completed: December 30, 2004, 13:27:26
Job time : 6.42126 secs

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OM nucleic - nucleic search, using sw model

Run on: December 30, 2004, 13:02:59 ; Search time 19.3605 Seconds

(without alignments)
5834.821 Million cell updates/sec

Title: US-09-939-853A-140

Perfect score: 20

Sequence: ctggacaggtaggcattg 20

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 4176236 seqs, 2824127955 residues

Total number of hits satisfying chosen parameters:

8352472

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications_NA:*

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2: /cgn2_6/podata/2/pubnra/PCT_NEW_PUB.seq:*

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9: /cgn2_6/podata/2/pubnra/us09A_PUBCOMB.seq:*

10: /cgn2_6/podata/2/pubnra/us095_PUBCOMB.seq:*

11: /cgn2_6/podata/2/pubnra/us09C_PUBCOMB.seq:*

12: /cgn2_6/podata/2/pubnra/us09_NEW_PUB.seq:*

13: /cgn2_6/podata/2/pubnra/us10A_PUBCOMB.seq:*

14: /cgn2_6/podata/2/pubnra/us10A_PUBCOMB.seq:*

15: /cgn2_6/podata/2/pubnra/us10B_PUBCOMB.seq:*

16: /cgn2_6/podata/2/pubnra/us10D_PUBCOMB.seq:*

17: /cgn2_6/podata/2/pubnra/us10E_PUBCOMB.seq:*

18: /cgn2_6/podata/2/pubnra/us10F_PUBCOMB.seq:*

19: /cgn2_6/podata/2/pubnra/us11_NEW_PUB.seq:*

20: /cgn2_6/podata/2/pubnra/us60_NEW_PUB.seq:*

21: /cgn2_6/podata/2/pubnra/us60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Match Length DB ID

Query Match Length DB ID

Description

Sequence 140, App

Sequence 951, App

Sequence 953, App

Sequence 21302, A

Sequence 74, App1

Sequence 76, App1

Sequence 25371, A

Sequence 25371, A

Sequence 133014,

Sequence 133014,

Sequence 7054, App

Sequence 795, App

c	13	16.8	84.0	2424	13	US-10-027-632-103042
c	14	16.8	84.0	2424	13	US-10-027-632-103042
c	15	16.8	84.0	2424	15	US-10-027-632-103042
c	16	16.8	84.0	2424	15	US-10-027-632-103042
c	17	16.8	84.0	3559	16	US-10-108-260A-602
c	18	16.8	84.0	44325	11	US-09-397-722-226
c	19	15.8	79.0	403	10	US-09-918-995-35904
c	20	15.8	79.0	467	10	US-09-918-995-27228
c	21	15.8	79.0	570	13	US-10-027-632-137211
c	22	15.8	79.0	570	15	US-10-027-632-137211
c	23	15.8	79.0	663	13	US-10-027-632-208024
c	24	15.8	79.0	663	15	US-10-027-632-208024
c	25	15.8	79.0	816	18	US-10-425-115-42209
c	26	15.8	79.0	816	18	US-10-425-115-42209
c	27	15.8	79.0	1177	16	US-10-425-114-29026
c	28	15.8	79.0	1224	18	US-10-425-115-137102
c	29	15.8	79.0	1744	16	US-10-424-599-121358
c	30	15.8	79.0	1824	16	US-10-424-599-73670
c	31	15.8	79.0	1857	18	US-10-425-115-6431
c	32	15.8	79.0	2070	18	US-10-425-115-82136
c	33	15.8	79.0	4170	10	US-09-919-039-221
c	34	15.8	79.0	4170	15	US-10-425-114-29026
c	35	15.8	79.0	4359	16	US-10-191-803-341
c	36	15.8	79.0	24023	13	US-10-094-679-1
c	37	15.8	79.0	99916	9	US-09-816-095-3
c	38	15.8	79.0	99916	16	US-10-634-905-3
c	39	15.4	77.0	358	17	US-10-437-963-28060
c	40	15.4	77.0	673	9	US-09-917-800A-1299
c	41	15.4	77.0	761	13	US-10-027-632-144930
c	42	15.4	77.0	761	15	US-10-027-632-144930
c	43	15.4	77.0	786	13	US-10-027-632-169995
c	44	15.4	77.0	786	13	US-10-027-632-169995
c	45	15.4	77.0	786	15	US-10-027-632-169995

RESULT 1

US-09-939-853A-140
 / Sequence 140, Application US/0939853A
 / Publication No. US2004039163A1
 / GENERAL INFORMATION:
 / APPLICANT: Burgess et al.
 / TITLE OF INVENTION: No. US2004039163A1 Proteins and Nucleic Acids Encoding Same
 / FILE REFERENCE: 21402-099
 / CURRENT APPLICATION NUMBER: US/09/939-853A
 / CURRENT FILING DATE: 2001-08-27
 / PRIORITY APPLICATION NUMBER: 60/228,191
 / PRIORITY FILING DATE: 2000-08-25
 / PRIORITY APPLICATION NUMBER: 60/267,300
 / PRIORITY FILING DATE: 2001-02-08
 / PRIORITY APPLICATION NUMBER: 60/269,961
 / PRIORITY FILING DATE: 2001-02-20
 / PRIORITY APPLICATION NUMBER: 60/277,337
 / PRIORITY FILING DATE: 2001-03-20
 / NUMBER OF SEQ ID NOS: 159
 / SOFTWARE: PatentIn Ver. 2.1
 / SEQ ID NO: 140
 / LENGTH: 20
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / FEATURE:
 / OTHER INFORMATION: Description of Artificial Sequence:
 / OTHER INFORMATION: Oligonucleotide Primer
 / US-09-939-853A-140

SUMMARIES

Result No.	Score	Match	Length	DB ID	Description
1	20	100.0	20	11	Sequence 140, App
c	2	20	100.0	444	Sequence 951, App
c	3	20	100.0	763	Sequence 953, App
c	4	20	100.0	864	Sequence 21302, A
c	5	20	100.0	1183	Sequence 74, App1
c	6	20	100.0	1183	Sequence 76, App1
c	7	17.4	87.0	422	Sequence 25371, A
c	8	17.4	87.0	422	Sequence 25371, A
c	9	16.8	84.0	665	Sequence 133014,
c	10	16.8	84.0	665	Sequence 133014,
c	11	16.8	84.0	809	Sequence 133014,
c	12	16.8	84.0	2305	Sequence 7054, App

Qy 1 CTGGACAGGTTAGGGCTTGTG 20
 Qty 1 |||||||

RESULT 2
 US-09-867-550-951/C
 Sequence 951, Application US/09867550
 GENERAL INFORMATION:
 APPLICANT: Leach, Martin D.
 APPLICANT: Mehraban, Fuad,
 APPLICANT: Conley, Pamela
 APPLICANT: Law, Debbie
 TITLE OF INVENTION: Thereby
 FILE REFERENCE: 21A02-013 (Cur-a-313)
 CURRENT APPLICATION NUMBER: US/09/867,550
 CURRENT FILING DATE: 2001-09-20
 PRIOR APPLICATION NUMBER: USSN 60/208,427
 PRIOR FILING DATE: 2000-05-30
 NUMBER OF SEQ ID NOS: 2125
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 951
 LENGTH: 444
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-867-550-951
 Query Match Score 20; DB 9; Length 444;
 Best Local Similarity 100.0%; Pred. No. 1.8;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 CTGGACAGGTAGGGCTTG 20
 Db 60 CTGGACAGGTAGGGCTTG 41

RESULT 3
 US-09-867-550-951/C
 Sequence 953, Application US/09867550
 GENERAL INFORMATION:
 APPLICANT: Leach, Martin D.
 APPLICANT: Mehraban, Fuad,
 APPLICANT: Conley, Pamela
 APPLICANT: Law, Debbie
 TITLE OF INVENTION: Thereby
 FILE REFERENCE: 21A02-013 (Cur-a-313)
 CURRENT APPLICATION NUMBER: US/09/867,550
 CURRENT FILING DATE: 2001-09-20
 PRIOR APPLICATION NUMBER: USSN 60/208,427
 PRIOR FILING DATE: 2000-05-30
 NUMBER OF SEQ ID NOS: 2125
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 953
 LENGTH: 763
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-867-550-953
 Query Match Score 20; DB 9; Length 763;
 Best Local Similarity 100.0%; Pred. No. 1.8;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 4
 US-09-939-853a-21302/c

; Sequence 21302, Application US/09814353
 ; Publication No. US20030165831A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Lee, John
 ; APPLICANT: Thompson, Pamela
 ; APPLICANT: Lillie, James
 ; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF OVARIAN CANCER
 ; FILE REFERENCE: MRI-006B
 ; CURRENT APPLICATION NUMBER: US/09/814,353
 ; PRIOR APPLICATION NUMBER: US 60/191,031
 ; PRIORITY FILING DATE: 2000-03-21
 ; PRIORITY FILING DATE: 2000-03-21
 ; PRIORITY FILING DATE: 2000-05-25
 ; PRIORITY FILING DATE: 2000-06-15
 ; PRIORITY FILING DATE: 2000-07-07
 ; PRIORITY FILING DATE: 2000-07-25
 ; PRIORITY FILING DATE: 2000-12-21
 ; NUMBER OF SEQ ID NOS: 22037
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 21302
 ; LENGTH: 864
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: 1/2/3, 32, 862, 863, 864
 ; OTHER INFORMATION: n = A,T,C or G
 ; US-09-814-353-21302
 Query Match Score 20; DB 10; Length 864;
 Best Local Similarity 100.0%; Pred. No. 1.8;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 CTGGACAGGTAGGGCTTG 20
 Db 353 CTGGACAGGTAGGGCTTG 334
 RESULT 5
 US-09-939-853A-74/c
 Sequence 74, Application US/09939853A
 GENERAL INFORMATION:
 APPLICANT: Burgess et al.
 ; FILE REFERENCE: 21A02-099
 ; CURRENT APPLICATION NUMBER: US/09/939,853A
 ; PRIOR APPLICATION NUMBER: 60/228,191
 ; PRIORITY FILING DATE: 2000-08-25
 ; PRIORITY FILING DATE: 2001-08-27
 ; PRIORITY FILING DATE: 2001-08-27
 ; PRIORITY FILING DATE: 2001-02-20
 ; PRIORITY FILING DATE: 2001-02-20
 ; PRIORITY FILING DATE: 2001-03-20
 ; PRIORITY FILING DATE: 2001-03-20
 ; NUMBER OF SEQ ID NOS: 159
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 74
 ; LENGTH: 1183
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-939-853A-74
 Query Match Score 20; DB 11; Length 1183;
 Best Local Similarity 100.0%; Pred. No. 1.8;

RESULT 6

US-09-919-853A-76 Sequence 76, Application US/09939853A
 ; Publication No. US20040039163A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Burgess et al.
 ; TITLE OF INVENTION: US20040039163A1el Proteins and Nucleic Acids Encoding Same
 ; FILE REFERENCE: 21402-099
 ; CURRENT APPLICATION NUMBER: US/09/939,853A
 ; CURRENT FILING DATE: 2001-08-27
 ; PRIOR APPLICATION NUMBER: 60/228,191
 ; PRIOR FILING DATE: 2000-08-25
 ; PRIOR APPLICATION NUMBER: 60/267,300
 ; PRIOR FILING DATE: 2001-02-08
 ; PRIOR APPLICATION NUMBER: 60/269,961
 ; PRIOR FILING DATE: 2001-02-20
 ; PRIOR APPLICATION NUMBER: 60/277,337
 ; PRIOR FILING DATE: 2001-03-20
 ; NUMBER OF SEQ ID NOS: 159
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 76
 ; LENGTH: 1.183
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens

US-09-939-853A-76 Query Match Score 100.0%; DB 11; Length 1183;
 ; Best Local Similarity 100.0%; Pred. No. 1.8;
 ; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTGGACAGTTAGGGCTTG 20
 Db 883 CTGGACAGTTAGGGCTTG 902

RESULT 7

US-01-242-535A-25371 Sequence 25371, Application US/10242535A
 ; Publication No. US20040013663A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ChondroGene Inc.
 ; Liew, C.C.
 ; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
 ; FILE REFERENCE: 4231/2005
 ; CURRENT APPLICATION NUMBER: US/10/085,783A
 ; CURRENT FILING DATE: 2002-02-28
 ; PRIOR APPLICATION NUMBER: 4231/2002
 ; FILE REFERENCE: 4231/2002
 ; CURRENT APPLICATION NUMBER: US/10/085,783A
 ; CURRENT FILING DATE: 2002-02-28
 ; PRIOR APPLICATION NUMBER: US 60/305,340
 ; PRIOR FILING DATE: 2001-07-13
 ; PRIORITY CLAIMS: US 60/275,017
 ; PRIORITY CLAIMS: 2001-03-12
 ; PRIORITY APPLICATION NUMBER: US 60/271,955
 ; PRIORITY FILING DATE: 2001-02-28
 ; SEQ ID NO 25371
 ; LENGTH: 422
 ; TYPE: DNA
 ; ORGANISM: Human
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (5)..(5)
 ; OTHER INFORMATION: n is a, c, g, or t
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (7)..(7)
 ; OTHER INFORMATION: n is a, c, g, or t
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (406)..(406)
 ; OTHER INFORMATION: n is a, c, g, or t

US-10-085-783A-25371 Query Match Score 100.0%; DB 16; Length 422;
 ; Best Local Similarity 94.7%; Pred. No. 40;
 ; Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 CTGGACAGTTAGGGCTTG 19
 Db 61 CTGGACAGTTAGGGCTTG 79

RESULT 8

US-10-085-783A-25371 Sequence 25371, Application US/10085783A
 ; Publication No. US20040037831A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ChondroGene Inc.
 ; Liew, C.C.
 ; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
 ; FILE REFERENCE: 4231/2002
 ; CURRENT APPLICATION NUMBER: US/10/085,783A
 ; CURRENT FILING DATE: 2002-02-28
 ; PRIOR APPLICATION NUMBER: 4231/2002
 ; FILE REFERENCE: 4231/2002
 ; CURRENT APPLICATION NUMBER: US/10/085,783A
 ; CURRENT FILING DATE: 2002-02-28
 ; PRIOR APPLICATION NUMBER: US 60/305,340
 ; PRIOR FILING DATE: 2001-07-13
 ; PRIORITY CLAIMS: US 60/275,017
 ; PRIORITY CLAIMS: 2001-03-12
 ; PRIORITY APPLICATION NUMBER: US 60/271,955
 ; PRIORITY FILING DATE: 2001-02-28
 ; SEQ ID NO 25371
 ; LENGTH: 422
 ; TYPE: DNA
 ; ORGANISM: Human
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (5)..(5)
 ; OTHER INFORMATION: n is a, c, g, or t
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (7)..(7)
 ; OTHER INFORMATION: n is a, c, g, or t
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (406)..(406)
 ; OTHER INFORMATION: n is a, c, g, or t

US-10-085-783A-25371 Query Match Score 100.0%; DB 16; Length 422;
 ; Best Local Similarity 94.7%; Pred. No. 40;
 ; Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 CTGGACAGTTAGGGCTTG 19
 Db 61 CTGGACAGTTAGGGCTTG 79

RESULT 9

US-10-027-632-13381A4 Sequence 133814, Application US/10027632
 ; Publication No. US20020198371A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 ; OTHER INFORMATION: Polymorphisms in the Human Genome
 ; FILE REFERENCE: 1098927, 129
 ; CURRENT APPLICATION NUMBER: US/10/027,632

RESULT 11
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-09
 PRIOR APPLICATION NUMBER: US 60/146,002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 133814
 LENGTH: 665
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-133814

Query Match	Score 84.0%	DB 13;	Length 665;	Indels 0;	Gaps 0;
Qy	1 CTGGACAGGTAGGGCTTGTG 20				
Db	344 CTGGACAGGTAGGGCTTGTG 363				

RESULT 10
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-09
 PRIOR APPLICATION NUMBER: US 60/146,002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 133814
 LENGTH: 665
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-133814

Query Match	Score 84.0%;	DB 13;	Length 665;	Indels 2;	Gaps 0;
Qy	1 CTGGACAGGTAGGGCTTGTG 20				
Db	344 CTGGACAGGTAGGGCTTGTG 363				

RESULT 9
 CURRENT FILING DATE: 2000-03-28
 PRIOR APPLICATION NUMBER: US 09/229367A1
 ; Sequence 7054, Application US/10653047
 ; Publication No. US20040229367A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Randy M. Berkia
 ; APPLICANT: Michael W. Rey
 ; APPLICANT: Jeffrey R. Shuster
 ; APPLICANT: Sakari Kauppinen
 ; APPLICANT: Ib Groth Claussen
 ; APPLICANT: Peter Bjørke Olsen
 ; TITLE OF INVENTION: Methods For Monitoring Multiple Gene Expression
 ; FILE REFERENCE: 5849-200-US
 ; CURRENT APPLICATION NUMBER: US/10/653,047
 ; CURRENT FILING DATE: 2003-08-29
 ; PRIORITY APPLICATION NUMBER: US/09/533,559
 ; PRIORITY FILING DATE: 2000-03-22
 ; PRIORITY APPLICATION NUMBER: US/09/273,623
 ; PRIORITY FILING DATE: 1999-03-22
 ; NUMBER OF SEQ ID NOS: 7860
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 7054
 ; LENGTH: 809
 ; TYPE: DNA
 ; ORGANISM: Aspergillus oryzae
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1..).(809)
 ; OTHER INFORMATION: n = A,T,C or G
 US-10-653-04-7054

Query Match	Score 84.0%;	DB 18;	Length 809;	Indels 0;	Gaps 0;
Qy	1 CTGGACAGGTAGGGCTTGTG 20				
Db	62 CTGGACAGGTAGGGCTTGTG 43				

RESULT 12
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 09/219741A1
 ; Sequence 795, Application US/10094749
 ; Publication No. US20030219741A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ISOGAI, TAKAO
 ; APPLICANT: SUGIYAMA, TOMOYASU
 ; APPLICANT: OTSUKI, TETSUJI
 ; APPLICANT: WAKAMATSU, AI
 ; APPLICANT: SATO, HIROYUKI
 ; APPLICANT: ISHII, SHIZURO
 ; APPLICANT: YAMAMOTO, JUN-ICHI
 ; APPLICANT: SEKI, NAOIKO
 ; APPLICANT: HIO, YURI
 ; APPLICANT: OTSUKA, KAORU
 ; APPLICANT: NAGAI, KEIICHI
 ; APPLICANT: IRIE, RYOTARO
 ; APPLICANT: TAMEUCHIKA, TCIRO
 ; APPLICANT: MASHHO, YASUHIKO
 ; TITLE OF INVENTION: NOVEL FULL-LENGTH cDNA
 ; FILE REFERENCE: 084335/0160
 ; CURRENT APPLICATION NUMBER: US 10/094,749
 ; CURRENT FILING DATE: 2002-03-12
 ; PRIORITY APPLICATION NUMBER: 63/350,435
 ; PRIORITY FILING DATE: 2002-01-24
 ; PRIORITY APPLICATION NUMBER: JP 2001-328381
 ; PRIORITY FILING DATE: 2001-09-14

Query Match	Score 84.0%;	DB 15;	Length 665;	Indels 0;	Gaps 0;
Qy	1 CTGGACAGGTAGGGCTTGTG 20				
Db	344 CTGGACAGGTAGGGCTTGTG 363				

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; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 795
; LENGTH: 2305
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-094-749-795

Query Match          84.0%;  Score 16.8;  DB 15;  Length 2305;
Best Local Similarity 90.0%;  Pred. No. 86;  Mismatches 2;  Indels 0;  Gaps 0;
Matches 18;  Conservative 0;  MisMatche 0;  Gap 0;

Qy      1 CTGGACAGCTTACGGCTTG 20
Db      2118 CTGGACAGCTTACGGCTTG 2099

RESULT 13
US-10-027-632-103042/c
; Sequence 103042, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS in the Human Genome
; FILE REFERENCE: 108827_129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-00
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 103042
; LENGTH: 2424
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-103042

Query Match          84.0%;  Score 16.8;  DB 13;  Length 2424;
Best Local Similarity 90.0%;  Pred. No. 87;  Mismatches 2;  Indels 0;  Gaps 0;
Matches 18;  Conservative 0;  MisMatche 0;  Gap 0;

Qy      1 CTGGACAGCTTACGGCTTG 20
Db      1453 CTGGACAGCTTACGGCTTG 1434

RESULT 14
US-10-027-632-103043/c
; Sequence 103043, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS in the Human Genome
; FILE REFERENCE: 108827_129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 103042
; LENGTH: 2424
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-103042

Query Match          84.0%;  Score 16.8;  DB 15;  Length 2424;
Best Local Similarity 90.0%;  Pred. No. 87;  Mismatches 2;  Indels 0;  Gaps 0;
Matches 18;  Conservative 0;  MisMatche 0;  Gap 0;

Qy      1 CTGGACAGCTTACGGCTTG 20
Db      1453 CTGGACAGCTTACGGCTTG 1434

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Job time : 21.8605 SECs

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GenCore version 5.1.6

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Sequence: 1 cctctggaaagtgcaggatgttcgttcc 26

Scoring table: IDENTITY_NUC
GapOp 10.0 , GapExt 1.0

Searched: 824507 seqs, 355394411 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA:
1: /cgn2_6/_prodatal/1/ina/5A_COMB.seq:
2: /cgn2_6/_ptodata/1/ina/5B_seq:
3: /cgn2_6/_ptodata/1/ina/6A_COMB.seq:
4: /cgn2_6/_prodatal/1/ina/6B_COMB.seq:
5: /cgn2_6/_ptodata/1/ina/5COTS_COMB.seq:
6: /cgn2_6/_ptodata/1/ina/backfile1.seq:
*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

ALIGNMENTS

RESULT 1
US-09-939-853A-141
; Sequence 11, Application US/08797689

; Patent No. 5188829
GENERAL INFORMATION:
/ APPLICANT: Fournier, Reinhard
/ APPLICANT: Fournier, Alain
/ APPLICANT: Guittot, Jean-Dominique
/ APPLICANT: Jung, Gerard
/ APPLICANT: Yeh, Patrice
TITLE OF INVENTION: NOVEL BIOLOGICALLY ACTIVE POLYPEPTIDES,
PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITION
TITLE OF INVENTION: CONTAINING SAID POLYPEPTIDES
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
/ ADDRESSEES: Rhone-Poulenc Rorer Inc.
/ STREET: 500 Arcola Road, 3C43
/ CITY: Collegeville
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 19426
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: System 7.1
SOFTWARE: Word 5.1 (PatentIn)
CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/197,669
/ FILING DATE: 31-JAN-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/256,927
/ FILING DATE: 28-JUL-1994
/ APPLICATION NUMBER: FR 92/01064
/ FILING DATE: 31-JAN-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/FR93/00085
/ FILING DATE: 28-JAN-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Smith Ph.D., Julie K.
/ REGISTRATION NUMBER: P-38-619
/ REFERENCE/DOCKET NUMBER: ST92006-US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (610) 454-3839
/ TELEFAX: (610) 454-3808
/ INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 423 base pairs
TYPE: nucleic acid
STRANDEDNESS: double

Result No. Score Query Match Length DB ID Description

Result No.	Score	Query	Match	Length	DB	ID	Description
1	18.8	72.3	423	2	US-08-797-689-11	Sequence 11, APP1	
2	18.8	72.3	423	4	US-09-384-186-11	Sequence 11, APP1	
3	18.8	72.3	600	4	US-09-101-272G-72	Sequence 72, APP1	
4	18.8	72.3	624	4	US-09-101-272G-79	Sequence 79, APP1	
5	18.8	72.3	645	4	US-09-101-272G-95	Sequence 95, APP1	
6	18.8	72.3	666	4	US-09-101-272G-97	Sequence 97, APP1	
7	18.8	72.3	1233	1	US-08-254-922-1	Sequence 1, APP1	
8	18.8	72.3	1233	1	US-08-386-748B-1	Sequence 1, APP1	
9	18.8	72.3	1236	1	US-07-957-039A-17	Sequence 7, APP1	
10	18.8	72.3	1236	1	US-08-153-789-17	Sequence 17, APP1	
11	18.8	72.3	1236	4	US-09-033-655-927	Sequence 927, APP1	
12	18.8	72.3	1372	6	5219569-1	Patent No. 5188829	
13	18.8	72.3	1475	4	US-09-043-597-122	Sequence 122, APP	
14	18.8	72.3	1475	4	US-09-048-844A-122	Sequence 122, APP	
15	18.8	72.3	1475	4	US-09-542-615A-122	Sequence 122, APP	
16	18.8	72.3	1475	4	US-09-506-121B-122	Sequence 122, APP	
17	18.8	72.3	1475	4	US-09-221-101-122	Sequence 122, APP	
18	18.8	72.3	1475	4	US-09-166-316A-122	Sequence 122, APP	
19	18.8	72.3	1475	4	US-09-476-496A-122	Sequence 122, APP	
20	18.8	72.3	1475	4	US-09-630-940B-122	Sequence 122, APP	
21	18.8	72.3	2294	4	US-09-643-591-123	Sequence 123, APP	
22	18.8	72.3	2294	4	US-09-044-894A-123	Sequence 123, APP	
23	18.8	72.3	2294	4	US-09-542-615A-123	Sequence 123, APP	
24	18.8	72.3	2294	4	US-09-006-421B-123	Sequence 123, APP	
25	18.8	72.3	2294	4	US-09-023-655-1217	Sequence 123, APP	
26	18.8	72.3	2294	4	US-09-021-107-123	Sequence 123, APP	
27	18.8	72.3	2294	4	US-09-466-396A-123	Sequence 123, APP	

TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 3..419
 US-08-797-689-11

Query Match 72.3%; Score 18.8; DB 2; Length 423;
 Best Local Similarity 90.9%; Pred. No. 15;
 Matches 20; Conservative 0; Mismatches 2;
 Indels 0; Gaps 0;

Qy 5 CTGGAAGTCCTGCCAGTGTCCCT 26
 Db 230 CTGGAACTCTGCCACTGTCCCT 251

RESULT 3
 US-09-101-272G-72
 ; Sequence 72, Application US/09101272G
 ; Patent No. 6509445
 ; GENERAL INFORMATION:
 / APPLICANT: Nissin Food Products Co., Ltd.
 / TITLE OF INVENTION: CANCEROUS METASTASIS INHIBITOR
 / FILE REFERENCE: Q50979
 / CURRENT APPLICATION NUMBER: US/09/101-272G
 / PRIORITY APPLICATION NUMBER: JP 1059/1996
 / PRIORITY FILING DATE: 1996-01-08
 / NUMBER OF SEQ ID NOS: 107
 / SOFTWARE: PatentIn version 3.1
 SEQ ID NO 72
 LENGTH: 600
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 OTHER INFORMATION: ATF domain of uPA
 NAME/KEY: CDS
 LOCATION: (1) .. (600)
 OTHER INFORMATION:
 NAME/KEY: mat_Peptide
 LOCATION: (61) .. ()
 OTHER INFORMATION:

US-09-101-272G-72

Query Match 72.3%; Score 18.8; DB 4; Length 600;
 Best Local Similarity 90.9%; Pred. No. 16;
 Matches 20; Conservative 0; Mismatches 2;
 Indels 0; Gaps 0;

Qy 5 CTGGAAGTCCTGCCAGTGTCCCT 26
 Db 279 CTGGAACTCTGCCACTGTCCCT 300

RESULT 4
 US-09-101-272G-79
 ; Sequence 79, Application US/09101272G
 ; Patent No. 6509445
 ; GENERAL INFORMATION:
 / APPLICANT: Nissin Food Products Co., Ltd.
 / TITLE OF INVENTION: CANCEROUS METASTASIS INHIBITOR
 / FILE REFERENCE: Q50979
 / CURRENT APPLICATION NUMBER: US/09/101-272G
 / PRIORITY APPLICATION NUMBER: JP 1059/1996
 / PRIORITY FILING DATE: 1996-01-08
 / NUMBER OF SEQ ID NOS: 107
 / SOFTWARE: PatentIn version 3.1
 SEQ ID NO 79
 LENGTH: 624
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (12) .. (593)
 OTHER INFORMATION:
 NAME/KEY: mat_peptide

INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 423 base pairs
 TYPE: nucleic acid
 STRANDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 3..419
 SEQUENCE DESCRIPTION: SEQ ID NO: 11:

RESULT 5
US-09-101-272G-95
Sequence 95, Application US/09101272G
Patent No. 6509445
GENERAL INFORMATION:
APPLICANT: Nissin Food Products Co., Ltd.
TITLE OF INVENTION: CANCEROUS METASTASIS INHIBITOR
FILE REFERENCE: Q50979
CURRENT APPLICATION NUMBER: US/09/101,272G
CURRENT FILING DATE: 1998-07-08
PRIOR APPLICATION NUMBER: JP 1059/1996
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn version 3.1
SEQ ID NO 95
LENGTH: 645
TYPE: DNA
FEATURE: Artificial sequence
OTHER INFORMATION: ATFHI-CL chimeric protein
NAME/KEY: CDS
LOCATION: (12)..(614)
OTHER INFORMATION:
NAME/KEY: mat_peptide
LOCATION: (15)..()
OTHER INFORMATION:
US-09-101-272G-95
Query Match 72.3%; Score 18.8; DB 4; Length 624;
Best Local Similarity 90.9%; Pred. No. 16;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 5 CTGGAGTCTGCCAGTGTCCCT 26
Db 233 CTGGAACCTGCCACTGTCCCT 254

RESULT 6
US-09-101-272G-97
Sequence 97, Application US/09101272G
Patent No. 6509445
GENERAL INFORMATION:
APPLICANT: Nissin Food Products Co., Ltd.
TITLE OF INVENTION: CANCEROUS METASTASIS INHIBITOR
FILE REFERENCE: Q50979
CURRENT APPLICATION NUMBER: US/09/101,272G
CURRENT FILING DATE: 1998-07-08
PRIOR APPLICATION NUMBER: JP 1059/1996
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn version 3.1
SEQ ID NO 97
LENGTH: 666
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: ATFHI-ML chimeric protein
NAME/KEY: CDS
LOCATION: (12)..(635)
OTHER INFORMATION:

RESULT 7
US-08-254-922-1
Sequence 1, Application US/08254922
Patent No. 5626841
GENERAL INFORMATION:
APPLICANT: Victor Gurewich
TITLE OF INVENTION: USE OF INTRA-PLATELET
TITLE OF INVENTION: UROKINASE-TYPE PLASMINOGEN
TITLE OF INVENTION: ACTIVATORS FOR LONG-TERM
TITLE OF INVENTION: INHIBITION OF THROMBOSIS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION NUMBER: US/08/254,922
APPLICATION NUMBER: US/08/254,922
FILING DATE: June 7, 1994
CLASSIFICATION: 424
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/014,207
FILING DATE: February 5, 1993
ATTORNEY/AGENT INFORMATION:
NAME: J. Peter Fasse
REFERENCE/DOCKET NUMBER: 04353/004002
REGISTRATION NUMBER: 32,983
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
SEQUENCE FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1233
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-254-922-1
Query Match 72.3%; Score 18.8; DB 1; Length 1233;
Best Local Similarity 90.9%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 8
US-08-286-748B-1
Sequence 1, Application US/08286748B
Patent No. 5759542

GENERAL INFORMATION:

APPLICANT: Victor Gurewich
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DELIVERY OF DRUGS BY PLATELETS FOR THE TREATMENT OF CARDIOVASCULAR AND OTHER DISEASES
 NUMBER OF SEQUENCES: 18

ADDRESSEE: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM PS/2 Model 50Z or 55SX
 OPERATING SYSTEM: MS-DOS (Version 5.0)
 SOFTWARE: Wordperfect (Version 5.1)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/286,748B
 FILING DATE: August 5, 1994
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: J. Peter Fasse
 REGISTRATION NUMBER: 32,983
 REFERENCE/DOCKET NUMBER: 04547/013001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEFAX: (617) 542-8906
 TELEX: 200154

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-286-748B-1

Query Match Score 18.8; DB 1; Length 1233;
 Best Local Similarity 90.1%; Pred. No. 19;
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCAGATGCCATT 26
 Db 219 CTGGAACTCTGCCACITGCCATT 240

RESULT 9
 US-07-957-039A-7
 Sequence 7 Application US/07957039A
 Patent No. 5319538

GENERAL INFORMATION:

APPLICANT: TANABE, TOSHIZUMI
 APPLICANT: MORITA, MASANORI
 APPLICANT: HIROSE, MASAAKI
 APPLICANT: AMASUJI, YASUO

TITLE OF INVENTION: MUTANT HUMAN PROUROKINASE

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sushrue, Mian, Zinn, Macpeak & Seas
 STREET: 2100 Pennsylvania Avenue
 CITY: Washington
 STATE: DC
 COUNTRY: USA
 ZIP: 20037

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/957,039A
 FILING DATE: 06-OCT-1992
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: JP 289257/1991
 FILING DATE: 07-OCT-1991
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (402)293-7060
 TELEFAX: (402)293-7860
 TELEX: 6491103
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1236 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: both
 MOLECULE TYPE: DNA (genomic)
 ORIGINAL SOURCE:
 INDIVIDUAL ISOLATE: human
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1233

US-07-957-039A-7

Query Match Score 72.3%; DB 1; Length 1236;
 Best Local Similarity 90.9%; Pred. No. 19;
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCAGATGCCATT 26
 Db 219 CTGGAACTCTGCCACITGCCATT 240

RESULT 10
 US-08-153-799-17

Sequence 17 Application US/08153799
 Patent No. 576883

GENERAL INFORMATION:

APPLICANT: Ballance, David J
 APPLICANT: Goodey, Andrew R
 TITLE OF INVENTION: Polypeptides
 NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:
 ADDRESSEE: R Hain Swope, BOC Health Care Inc
 STREET: 100 Mountain Avenue
 CITY: Murray Hill
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07974

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25

PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/08/153,799

FILING DATE: 07-MAR-1992
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/847975

FILING DATE: 29-APR-1989
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: GB 8909916,2

FILING DATE: 26-APR-1990
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: FCT/GB90/00650

FILING DATE: 29-OCT-1991
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/775952

ATTORNEY/AGENT INFORMATION:
 NAME: Swope, R Hain

REGISTRATION NUMBER: 24864
 REFERENCE/DOCKET NUMBER: 92H832
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (908) 665 2400
 TELEFAX: (908) 771 6159
 TELEX: 219484
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1236 base Pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1236 /function= "human mature
 OTHER INFORMATION: urokinase-type plasminogen activator (uPA)"
 FEATURE:
 NAME/KEY: primer_bind
 LOCATION: 13..418
 OTHER INFORMATION: /standard_name= "PCR primer binding
 OTHER INFORMATION: site"
 FEATURE:
 NAME/KEY: primer_bind
 LOCATION: 316..418
 OTHER INFORMATION: /standard_name= "PCR primer binding
 OTHER INFORMATION: site"
 US-08-153-799-17

Query Match
 Best Local Similarity 90.9%; Pred. No. 19;
 Matches 20; Conservative 0; Miematches 2; Indels 0; Gaps 0;

Qy 5 CTGGAACTCTGCCAGTGTCCCT 26
 Db 219 CTGGAACCTGCCACTGTCCCT 240

RESULT 11
 US-09-023-655-927
 Sequence 927, Application US/09023655
 Patent No. 6,07879
 GENERAL INFORMATION:
 APPLICANT: Cocks, Benjamin G.
 APPLICANT: Susan, G. Stuart
 APPLICANT: Jeffrey J. Seilhamer
 TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
 NUMBER OF SEQUENCES: 1508
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 STREET: 3174 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy diskible
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/023, 655
 FILING DATE: HEREWITH
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:

CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Zeller, Karen J.
 REGISTRATION NUMBER: 37,071
 REFERENCE/DOCKET NUMBER: PA-0001 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 855-0555
 TELEFAX: (650) 855-4166
 INFORMATION FOR SEQ ID NO: 927:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1236 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: GENBANK
 CLONE: 91311467
 US-09-023-655-927

Query Match
 Best Local Similarity 90.9%; Pred. No. 19;
 Matches 20; Conservative 0; Miematches 2; Indels 0; Gaps 0;

Qy 5 CTGGAACTCTGCCAGTGTCCCT 26
 Db 219 CTGGAACCTGCCACTGTCCCT 240

RESULT 12
 5219569-1
 ; Patent No. 5219569
 ; APPLICANT: BLABER, MICHAEL; HEYNEKER, HERBERT L.; VEHAR,
 ; GORDON A.
 ; TITLE OF INVENTION: PROTEASE RESISTANT UROKINASE
 ; NUMBER OF SEQUENCES: 6
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/07/766, 858
 ; FILING DATE: 16-AUG-1985
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 725, 468
 ; FILING DATE: 22-APR-1985
 ; SEQ ID NO: 1;
 ; LENGTH: 1372
 ; 5219569-1

Query Match
 Best Local Similarity 90.9%; Pred. No. 19;
 Matches 20; Conservative 0; Miematches 2; Indels 0; Gaps 0;

Qy 5 CTGGAACTCTGCCAGTGTCCCT 26
 Db 355 CTGGAACCTGCCACTGTCCCT 376

RESULT 13
 US-09-643-597-122
 ; Sequence 122, Application US/09643597
 ; Patent No. 6426072
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, Tongtong
 ; APPLICANT: Fan, Liqun
 ; APPLICANT: Kalos, Michael D.
 ; APPLICANT: Bangur, Chaitanya S.
 ; APPLICANT: Hossein, Nancy
 ; APPLICANT: Fanger, Gary R.
 ; APPLICANT: Li, Samuel X.
 ; APPLICANT: Wang, Ajun
 ; APPLICANT: Skelley, Yasir A.W.
 ; APPLICANT: Henderson, Robert A.
 ; APPLICANT: McNeill, Patricia D.
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
 ; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
 ; FILE REFERENCE: 210121-451C11

RESULT 14
US-09-480-884A-122 Application US/09480884A
Sequence 122, Application US/09480884A
Patent No. 6482597
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Pan, Liqun
APPLICANT: Hosken, Nancy A.
APPLICANT: Kalos, Michael D.
APPLICANT: Fanger, Gary R.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121_455C6
CURRENT APPLICATION NUMBER: US/09/480, 884A
CURRENT FILING DATE: 2001-08-27
NUMBER OF SEQ ID NOS: 330
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 122
LENGTH: 1475
TYPE: DNA
ORGANISM: Homo sapien
US-09-480-884A-122

Query Match 72.3%; Score 18.8; DB 4; Length 1475;
Best Local Similarity 90.9%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 5 CTGGAACTCTGCCAGTGTCCCT 26
Db 359 CTGGAACACTGCCACTGTGCTT 380

Search completed: December 30, 2004, 13:27:28
Job time : 6.44764 SECs

RESULT 15
US-09-542-615A-122 Application US/09542615A
Sequence 122, Application US/09542615A
Patent No. 6519256
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Pan, Liqun
APPLICANT: Kalos, Michael D.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Hosken, Nancy A.
APPLICANT: Fanger, Gary R.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121_455C6
CURRENT APPLICATION NUMBER: US/09/542, 615A
CURRENT FILING DATE: 2000-04-14
NUMBER OF SEQ ID NOS: 350
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 122
LENGTH: 1475
TYPE: DNA
ORGANISM: Homo sapien

Result No.	Score	Query Match	Length	DB ID	Description
1	26	100.0	26	11 US-09-939-853A-141	Sequence 141, App
C 2	26	100.0	444	9 US-09-867-550-951	Sequence 951, App
C 3	26	100.0	763	US-09-867-550-951	Sequence 951, App
C 4	26	100.0	864	10 US-09-914-313-21302	Sequence 951, App
C 5	26	100.0	1183	11 US-09-938-853A-74	Sequence 951, App
C 6	26	100.0	1183	11 US-09-938-853A-76	Sequence 951, App
7	20.4	78.5	611	13 US-10-027-532-19582	Sequence 19582,
8	20.4	78.5	611	15 US-10-027-532-19582	Sequence 19582,
C 9	20.2	77.7	2826	17 US-10-037-693-60613	Sequence 60613, A
10	18.8	72.3	258	15 US-10-233-675A-2	Sequence 2, Appli
11	18.8	72.3	258	15 US-10-233-675A-2	Sequence 2, Appli
12	18.8	72.3	258	15 US-10-233-675A-8	Sequence 8, Appli

Db 1 CCTCTGGAACTGCCAGTCCTT 26

RESULT 2

US-09-867-550-951/C

Sequence 951, Application US/09867550

Patent No. US20020082206A1

GENERAL INFORMATION:

APPLICANT: Leach, Martin D.

APPLICANT: Mehraban, Fuad,

APPLICANT: Conley, Pamela

APPLICANT: Law, Debbie

APPLICANT: Topper, James

TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and

TITLE OF INVENTION: Thereby

FILE REFERENCE: 21402-013 (Cura-313)

CURRENT APPLICATION NUMBER: US/09/867,550

CURRENT FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: USSN 60/208,427

PRIOR FILING DATE: 2000-05-30

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 951

LENGTH: 444

TYPE: DNA

ORGANISM: Homo sapiens

US-09-867-550-951/C

Query Match 100.0%; Score 26; DB 9; Length 444;

Best Local Similarity 100.0%; Pred. No. 0.022; Mismatches 0; Indels 0; Gaps 0;

Matches 26; Conservative 0; Feature:

NAME/KEY: misc_feature

LOCATION: 1, 2, 3, 32, 862, 863, 864

OTHER INFORMATION: n = A,T,C or G

US-09-814-353-21302

RESULT 3

US-09-867-550-953/C

Sequence 953, Application US/09867550

Patent No. US20020082206A1

GENERAL INFORMATION:

APPLICANT: Leach, Martin D.

APPLICANT: Mehraban, Fuad,

APPLICANT: Conley, Pamela

APPLICANT: Law, Debbie

APPLICANT: Topper, James

TITLE OF INVENTION: Thereby

FILE REFERENCE: 21402-013 (Cura-313)

CURRENT APPLICATION NUMBER: US/09/867,550

CURRENT FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: USSN 60/208,427

PRIOR FILING DATE: 2000-05-30

NUMBER OF SEQ ID NOS: 2125

SEQ ID NO 953

LENGTH: 763

TYPE: DNA

ORGANISM: Homo sapiens

US-09-867-550-953

Query Match 100.0%; Score 26; DB 9; Length 763;

Best Local Similarity 100.0%; Pred. No. 0.022; Mismatches 0; Indels 0; Gaps 0;

Matches 26; Conservative 0; Feature:

NAME/KEY: misc_feature

LOCATION: 1, 2, 3, 32, 862, 863, 864

OTHER INFORMATION: n = A,T,C or G

US-09-939-853A-74/c

Sequence 74, Application US/09939853A

Patent No. US20040039163A1

GENERAL INFORMATION:

APPLICANT: Burgess et al.

TITLE OF INVENTION: No. US20040039163A1 Proteins and Nucleic Acids Encoding Same

FILE REFERENCE: 21402-099

CURRENT APPLICATION NUMBER: US/09/939,853A

CURRENT FILING DATE: 2001-08-27

PRIOR APPLICATION NUMBER: 60/1228,191

PRIOR FILING DATE: 2000-08-25

PRIOR APPLICATION NUMBER: 60/267,300

PRIOR FILING DATE: 2001-02-08

PRIOR APPLICATION NUMBER: 60/269,961

PRIOR FILING DATE: 2001-02-20

PRIOR APPLICATION NUMBER: 60/277,337

PRIOR FILING DATE: 2001-03-20

NUMBER OF SEQ ID NOS: 159

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 74

LENGTH: 1183

TYPE: DNA

ORGANISM: Homo sapiens

US-09-939-853A-74

Query Match 100.0%; Score 26; DB 11; Pred. No. 0.022;

Best Local Similarity 100.0%; Gaps 0;

Length 1183;

RESULT 4

US-09-814-353-21302/c

RESULT 6
US-09-939-853A-76
Sequence 76, Application US/0939853A
Publication No. US2004039163A1.

GENERAL INFORMATION:
 APPLICANT: BURGESS et al.
 FILE REFERENCE: 214-02-099
 CURRENT FILING DATE: 2001-08-27
 PRIOR APPLICATION NUMBER: 60/228,191
 PRIOR FILING DATE: 2000-08-25
 PRIOR APPLICATION NUMBER: 60/267,300
 PRIOR FILING DATE: 2001-02-08
 PRIOR APPLICATION NUMBER: 60/269,961
 PRIOR FILING DATE: 2001-02-20
 PRIOR APPLICATION NUMBER: 60/277,337
 PRIOR FILING DATE: 2001-03-20
 NUMBER OF SEQ ID NOS: 159
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 76
 LENGTH: 1183
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-939-853A-76

Query Match
 Best Local Similarity 100.0% ; Score 26; DB 11; Length 1183;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 908 CCTTCCTGGAAAGTCTGCCAGTCGCCAGTCCTT 933

RESULT 7
US-10-027-632-195852
Sequence 195852, Application US/10027632
Publication No. US20020198371A1.

GENERAL INFORMATION:
 APPLICANT: Wang, David G.
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
 FILE REFERENCE: 108827-129
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 195852
 LENGTH: 611
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-195852

RESULT 8
US-10-027-632-195852
Sequence 195852, Application US/10027632
Publication No. US2003004075A9

GENERAL INFORMATION:
 APPLICANT: Wang, David G.
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
 FILE REFERENCE: 108827-129
 CURRENT APPLICATION NUMBER: US/10/027-632
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 195852
 LENGTH: 611
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-195852

RESULT 9
US-10-437-963-60613/C
Sequence 60613, Application US/10437963
Publication No. US200412343A1

GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J.
 APPLICANT: Kovacic, David K.
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 APPLICANT: Wu, Wei
 APPLICANT: Bouharov, Andrei A.
 APPLICANT: Barbazuk, Brad
 APPLICANT: Li, Ping
 TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Title of Invention: Plants and Uses Thereof For Plant Improvement
 FILE REFERENCE: 38-21(53221)B
 CURRENT APPLICATION NUMBER: US/10/437,963
 CURRENT FILING DATE: 2003-05-14
 NUMBER OF SEQ ID NOS: 204966
 SEQ ID NO: 60613

```

/
/ LENGTH: 2826
/ TYPE: DNA
/ ORGANISM: Oryza sativa
/ FEATURE:
/ OTHER INFORMATION: Clone ID: PAT_MRT4530_62122C.1
/ US-10-437-963-60613

Query Match    77.7%; Score 20.2; DB 17; Length 2826;
Best Local Similarity 88.0%; Pred. No. 13;
Matches 22; Conservative 0; Mismatches 3; Indels 0;
Gaps 0;

Qy      2 CTTCCTGGAGTCTGCCAGTGTCCCT 26
Db      23366 CTTCCTGGAGTCTGCCAGTGTCCCT 2362

RESULT 10
US-10-233-675A-2
/ Sequence 2, Application US/10233675A
/ Publication No. US20030228298A1
/ GENERAL INFORMATION:
/ APPLICANT: Nesbit, Mark
/ APPLICANT: Fong, Timothy
/ APPLICANT: Brockstedt, Dirk
/ TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
/ TITLE OF INVENTION: Them To Inhibit Angiogenesis
/ CURRENT APPLICATION NUMBER: US/10/233,675A
/ FILE REFERENCE: ST01027
/ CURRENT FILING DATE: 2002-09-04
/ PRIOR APPLICATION NUMBER: 60/316,300
/ PRIOR FILING DATE: 2001-09-04
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 2
/ LENGTH: 258
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: human derived abrogen
US-10-233-675A-2

Query Match    72.3%; Score 18.8; DB 15; Length 258;
Best Local Similarity 90.9%; Pred. No. 55;
Matches 20; Conservative 0; Mismatches 2; Indels 0;
Gaps 0;

Qy      5 CTGGAAAGTCTGCCAGTGTCCCT 26
Db      78 CTGGAAACTCTGCCACGTGTCCCT 99

RESULT 11
US-10-233-675A-6
/ Sequence 6, Application US/10233675A
/ Publication No. US20030228298A1
/ GENERAL INFORMATION:
/ APPLICANT: Nesbit, Mark
/ APPLICANT: Fong, Timothy
/ APPLICANT: Brockstedt, Dirk
/ TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
/ TITLE OF INVENTION: Them To Inhibit Angiogenesis
/ CURRENT APPLICATION NUMBER: US/10/233,675A
/ FILE REFERENCE: ST01027
/ CURRENT FILING DATE: 2002-09-04
/ PRIOR APPLICATION NUMBER: 60/316,300
/ PRIOR FILING DATE: 2001-09-04
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 6
/ LENGTH: 258
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: human derived abrogen

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Qy 5 CTGGAACTCTGCCAGTGTCCCT 26
 Db 78 CTGGAACCTGCCACTGTCCCT 99

RESULT 14
 US-10-233-675A-26
 ; Sequence 26, Application US/102333675A
 ; PUBLICATION NO. US201030228298A1
 ; GENERAL INFORMATION
 ; APPLICANT: Nesbit, Mark
 ; APPLICANT: Fong, Timothy
 ; APPLICANT: Brockstedt, Dirk
 ; TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
 ; TREATMENT OF INHIBIT ANGIogenesis
 ; FILE REFERENCE: ST01027
 ; CURRENT APPLICATION NUMBER: US/10/233,675A
 ; CURRENT FILING DATE: 2002-09-04
 ; PRIOR APPLICATION NUMBER: 60/316,300
 ; PRIOR FILING DATE: 2001-09-14
 ; NUMBER OF SEQ ID NOS: 27
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO: 26
 ; LENGTH: 258
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: fragment of human urokinase plasminogen activator
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (137)..(137)
 ; OTHER INFORMATION: n = a or g
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (221)..(221)
 ; OTHER INFORMATION: n = a or g
 US-10-233-675A-26

Query Match Best Local Similarity Score 18.8; DB 15; Length 258;
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAACTCTGCCAGTGTCCCT 26
 Db 78 CTGGAACCTGCCACTGTCCCT 99

Search completed: December 30, 2004, 13:23:48
 Job time : 27.6687 secs

RESULT 15
 US-10-424-999-2
 ; Sequence 2, Application US/10424999
 ; PUBLICATION NO. US201040052810A1
 ; GENERAL INFORMATION
 ; APPLICANT: Nesbit, Mark
 ; APPLICANT: Camezon, Beatrice
 ; APPLICANT: Blanche, Francis
 ; TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
 ; TREATMENT OF INHIBIT Angiogenesis
 ; FILE REFERENCE: ST01027-A
 ; CURRENT APPLICATION NUMBER: US/10/424,999
 ; CURRENT FILING DATE: 2003-04-29
 ; PRIOR APPLICATION NUMBER: 10/233,675
 ; PRIOR FILING DATE: 2002-09-04
 ; NUMBER OF SEQ ID NOS: 70
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO: 2
 ; LENGTH: 258
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Human abrogen N43
 US-10-424-999-2

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Result No.	Score	Query	Match	Length	DB ID	Description
1	17.2	78.2	1245	4	US-09-489-039A-3698	Sequence 3698, AP
2	16.4	74.5	1273	3	US-08-725-758A-3	Sequence 3, Appli
3	16.4	74.5	1273	4	US-09-735-251-3	Sequence 3, Appli
4	16.4	74.5	1373	3	US-08-725-758A-1	Sequence 1, Appli
5	16.4	74.5	1373	4	US-09-735-251-1	Sequence 1, Appli
c 6	16.4	74.5	3128	4	US-09-919-039-373	Sequence 373, APP
c 7	16.2	73.6	618	4	US-09-921-976-788	Sequence 788, APP
8	16.2	73.6	1449	4	US-09-248-796A-3697	Sequence 3697, AP
9	16.2	73.6	2713	3	US-09-914-602-6	Sequence 6, Appli
10	16.2	73.6	2713	3	US-09-914-602-6	Sequence 6, Appli
c 11	16.16	72.7	1334	4	US-09-270-767-12625	Sequence 12625, A
c 12	15.8	71.8	274	4	US-09-29A-561	Sequence 5461, AP
c 13	15.8	71.8	283	4	US-09-113-294A-4815	Sequence 4815, AP
c 14	15.8	71.8	288	4	US-09-113-294A-809	Sequence 809, APP
c 15	15.8	71.8	288	4	US-09-113-294A-2911	Sequence 2911, AP
c 16	15.8	71.8	404	4	US-09-113-999C-30207	Sequence 30207, A
c 17	15.8	71.8	2061	4	US-09-653-839-7	Sequence 7, Appli
18	15.8	71.8	2061	4	US-10-202-619-7	Sequence 7, Appli
19	15.8	71.8	2109	4	US-09-553-839-5	Sequence 5, Appli
20	15.8	71.8	2109	4	US-10-202-619-5	Sequence 5, Appli
21	15.8	71.8	2172	4	US-09-553-839-3	Sequence 3, Appli
22	15.8	71.8	2172	4	US-10-202-619-3	Sequence 3, Appli
23	15.8	71.8	2220	4	US-09-653-839-1	Sequence 1, Appli
24	15.8	71.8	2220	4	US-10-202-619-1	Sequence 1, Appli
25	15.8	71.8	2353	4	US-09-622-800B-2	Sequence 2, Appli
26	15.8	71.8	2806	4	US-09-653-839-9	Sequence 9, Appli
27	15.8	71.8	2806	4	US-10-202-619-9	Sequence 9, Appli

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/725,758A
 FILING DATE: 04-OCT-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/005,074
 FILING DATE: 06-OCT-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Fraser, Janis K.
 REGISTRATION NUMBER: 34,819
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 3:
 NAME/KEY: Coding Sequence
 LOCATION: 44..1273

SEQUENCE CHARACTERISTICS:
 LENGTH: 1273 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: both
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: Coding Sequence
 LOCATION: 44..1273
 SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 US-08-735-251-3

	Query Match	Score 16.4;	DB 4;	Length 1273;
Qy	1 TGAGAGAGTTCTGGGT 18	Best Local Similarity 94.4%;	Pred. No. 95;	Mismatches 0;
Db	372 TGAGAGATCCGGGT 389	Matches 17;	Conservative 0;	Indels 0;

RESULT 4
 US-08-725-758A-1
 Sequence 1, Application US/08725758A
 Patent No. 616108

GENERAL INFORMATION:
 APPLICANT: Reed, Guy
 CLEMENT, Christophe Y.
 TITLE OF INVENTION: NOVEL PLATELET ACTIVATION PROTEIN
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson P.C.
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110-2804

COMPUTER READABLE FORM:
 COMPUTER: IBM Compatible
 MEDIUM TYPE: Diskette
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/725,758A
 FILING DATE: 04-OCT-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/005,074
 FILING DATE: 06-OCT-1995

ATTORNEY/AGENT INFORMATION:
 NAME: Fraser, Janis K.
 REGISTRATION NUMBER: 34,819
 REFERENCE/DOCKET NUMBER: 05433/020001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-542-5070
 TELEFAX: 200154

INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1373 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: both
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: Coding Sequence
 LOCATION: 44..1321

Query Match

	Score 16.4;	DB 3;	Length 1373;	
Qy	1 TGAGAGAGTTCTGGGT 18	Best Local Similarity 94.4%;	Pred. No. 96;	Mismatches 0;
US-08-725-758A-1	372 TGAGAGATCCGGGT 389	Matches 17;	Conservative 0;	Indels 0;

INFORMATION FOR SEQ ID NO: 3:

Db 372 TGAGAGAGTCGGGTGT 389

RESULT 5

US-09-735-251-1
Sequence 1, Application US/09735251
GENERAL INFORMATION:
APPLICANT: Reed, Guy
CLEMENT, Christophe Y.
TITLE OF INVENTION: NOVEL PLATELET ACTIVATION PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/735,251
FILING DATE: 12-Dec-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/725,758A
FILING DATE: 04-OCT-1996
APPLICATION NUMBER: 60/005,074
FILING DATE: 06-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fraser, Janis K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 05433/0200001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5010
TELEFAX: 617-542-8906
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1373 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: Coding Sequence
LOCATION: 44...1321
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-735-251-1

Query Match 74.5%; Score 16.4; DB 4; Length 3128;
Best Local Similarity 94.4%; Pred. No. 1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0;
Gaps 0;

OTHER INFORMATION: Incyte ID No. 6727066 1102297.22
US-09-919-039-373

Qy 1 TGAGAGAGAGTCGGGTGT 18
Db 950 TGAGAGAGTCGGGTGT 933

RESULT 7

US-09-621-976-788/C
Sequence 788, Application US/096219776
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTs and Encoded Human Proteins.
FILE REFERENCE: GENSET_05APR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SEQ ID NO 788
LENGTH: 618
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: 306..617
US-09-621-976-788

Query Match 73.6%; Score 16.2; DB 4; Length 618;
Best Local Similarity 85.7%; Pred. No. 1.e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0;
Gaps 0;

Qy 1 TGAGAGAGAGTCGGGTGTCTGGGTGTCT 21
Db 540 TCAGGGGTTCTGGGTGTCTGGGTGTCT 520

RESULT 8

US-09-248-796A-3697
Sequence 3697, Application US/09248796A
GENERAL INFORMATION:
Patent No. 6747137
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107156-132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-05-13
NUMBER OF SEQ ID NOS: 28298
SEQ ID NO 3697
LENGTH: 1449
TYPE: DNA

RESULT 6

US-09-919-039-373/C
Sequence 373, Application US/09919039
GENERAL INFORMATION:
Patent No. 6727066
APPLICANT: Kaser, Matthew R.
TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
FILE REFERENCE: PA-0035 US
CURRENT APPLICATION NUMBER: US/09/919,039
CURRENT FILING DATE: 2002-09-09

; ORGANISM: Candida albicans
 US-09-248-792a-3697

Query Match 73.6%; Score 16.2; DB 4; Length 1449;
 Best Local Similarity 85.7%; Pred. No. 1.2e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 TGAGAGAGTCTGGGTGTCCT 21
 Db 210 TGAGAAGTTTGCGTGACCT 230

RESULT 9
 US-08-916-901-6

Sequence 6, Application US/08916901
 Patent No. 5892012

GENERAL INFORMATION:
 APPLICANT: Hillman, Jennifer L.
 APPLICANT: Lal, Preeti
 APPLICANT: Corley, Neil C.
 APPLICANT: Shah, Purvi
 TITLE OF INVENTION: RAB PROTEINS
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSSEE: Incyte Pharmaceuticals, Inc.
 STREET: 3174 Porter Dr.
 CITY: Palo Alto
 STATE: CA
 ZIP: 94304

COMPUTER READABLE FORM:
 COMPUTER: IBM Compatible
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/154,602
 FILING DATE:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/916,901
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 36,749
 REFERENCE/DOCKET NUMBER: PF-0367 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-855-0555
 TELEFAX: 415-845-4166

INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2713 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-09-154-602-6

Query Match 73.6%; Score 16.2; DB 3; Length 2713;
 Best Local Similarity 85.7%; Pred. No. 1.3e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 TGAGAGAGTCTGGGTGTCCT 21
 Db 2401 TGAGAAGTTTGCGTGACCT 2421

RESULT 11
 US-09-270-767-12625/c

Sequence 12625, Application US/09270767

GENERAL INFORMATION:
 PATENT NO. 6703491
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 36,749
 REFERENCE/DOCKET NUMBER: PF-0367 US
 PRIORITY APPLICATION DATA:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 36,749
 REFERENCE/DOCKET NUMBER: PF-0367 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-855-0555
 TELEFAX: 415-845-4166
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2713 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-916-901-6

Query Match 73.6%; Score 16.2; DB 2; Length 2713;
 Best Local Similarity 85.7%; Pred. No. 1.3e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 TGAGAGAGTCTGGGTGTCCT 21
 Db 2401 TGAGAAGTTTGCGTGACCT 2421

RESULT 10
 US-09-154-602-6

Sequence 6, Application US/09154602
 PATENT NO. 6300472

GENERAL INFORMATION:
 APPLICANT: Hillman, Jennifer L.
 APPLICANT: Lal, Preeti
 APPLICANT: Corley, Neil C.

RESULT 12

```

US-09-313-294A-5461/c
; Sequence 5461, Application US/09313294A
; Patent No. 6476212
; GENERAL INFORMATION:
; APPLICANT: Laligudi, Raghunath V.
; APPLICANT: Ito, Laura Y.
; APPLICANT: Sherman, Bradley K.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
; FILE REFERENCE: PL-0017 US
; CURRENT APPLICATION NUMBER: US/09/313,294A
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 7600
; SOFTWARE: PERL Program
; SEQ ID NO: 5461
; LENGTH: 274
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE: misc_feature
; NAME/KEY: Incyte ID No. 6476212 700549871H1
; OTHER INFORMATION: Incyte ID No. 6476212 700549871H1
US-09-313-294A-5461

Query Match 71.8%; Score 15.8; DB 4; Length 288;
Best Local Similarity 89.5%; Pred. No. 1.6e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 17; Conservative 0; MisMatch 2; InDel 0; Gaps 0;
Qy 1 TGAGGAGTTCTGGGTGTC 19
Db 287 TGATAGAGTTCTGGGTGCG 269

RESULT 15
US-09-313-294A-2911/c
; Sequence 2911, Application US/09313294A
; Patent No. 6476212
; GENERAL INFORMATION:
; APPLICANT: Laligudi, Raghunath V.
; APPLICANT: Ito, Laura Y.
; APPLICANT: Sherman, Bradley K.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
; FILE REFERENCE: PL-0017 US
; CURRENT APPLICATION NUMBER: US/09/313,294A
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 7600
; SOFTWARE: PERL Program
; SEQ ID NO: 2911
; LENGTH: 288
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE: misc_feature
; NAME/KEY: Incyte ID No. 6476212 700553476H1
; OTHER INFORMATION: Incyte ID No. 6476212 700553476H1
US-09-313-294A-2911

Query Match 71.8%; Score 15.8; DB 4; Length 288;
Best Local Similarity 89.5%; Pred. No. 1.6e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 17; Conservative 0; MisMatch 2; InDel 0; Gaps 0;
Qy 1 TGAGGAGTTCTGGGTGTC 19
Db 260 TGATAGAGTTCTGGGTGCG 242

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Job time : 5.76339 secs

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RESULT 14
US-09-313-294A-809/c
; Sequence 809, Application US/09313294A
; Patent No. 6476212
; GENERAL INFORMATION:
; APPLICANT: Laligudi, Raghunath V.
; APPLICANT: Ito, Laura Y.

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sequence:	1 tgtagagtttcgggttcctta 22								
scoring table:	IDENTITY_NUC								
Gapopen 10.0 , Gapext 1.0									
searched:	4176236 seqs, 2824127955 residues								
All number of hits satisfying chosen parameters:	8352472								
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Maximum DB seq length: 2000000000									
at-processing: Minimum Match 0%									
Listing First 45 summaries									
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3: /cgna2_6_ptodata/2/pubpna/us06_NEW_PUB.seq:*									
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8									
Query									
Match									
Length									
DB									
ID									
Description									

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2	22	100.0	864	10	US-09-939-853A-142	Sequence 21302, A	Sequence 21302, A	DB 11;	
3	22	100.0	1183	11	US-09-939-853A-142	Sequence 74, App	Sequence 74, App	Score 22;	
4	22	100.0	1183	11	US-09-939-853A-142	Sequence 76, App	Sequence 76, App	DB 11;	
5	20.4	92.7	763	18	US-09-939-853A-142	Sequence 953, App	Sequence 953, App	Score 22;	
6	18.4	83.6	51323	18	US-10-417-375-135	Sequence 135, App	Sequence 135, App	DB 11;	
7	17.8	80.9	2064	16	US-10-108-260A-1362	Sequence 1362, App	Sequence 1362, App	Score 22;	
8	17.8	80.9	57347	17	US-10-108-260A-1362	Sequence 317, App	Sequence 317, App	DB 11;	
9	17.4	79.1	368	18	US-10-723-160-167	Sequence 167, App	Sequence 167, App	Score 22;	
10	17.4	79.1	2442	16	US-10-080-334-85	Sequence 85, App	Sequence 85, App	DB 11;	
11	17.4	79.1	2442	16	US-10-159-563-396	Sequence 396, App	Sequence 396, App	Score 22;	
12	17.4	79.1	2466	16	US-10-159-563-396	Sequence 396, App	Sequence 396, App	DB 11;	
13	17.4	79.1	2789	15	US-10-274-639-22	Sequence 284738, A	Sequence 284738, A	Score 22;	
14	17.4	79.1	3327	14	US-10-116-802-87	Sequence 13151, A	Sequence 13151, A	DB 11;	
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17	17.2	78.2	641	13	US-10-027-632-131511	Sequence 131512, A	Sequence 131512, A	Score 22;	
18	17.2	78.2	904	13	US-10-027-632-131512	Sequence 131512, A	Sequence 131512, A	DB 11;	
19	17.2	78.2	904	13	US-10-027-632-131512	Sequence 131512, A	Sequence 131512, A	Score 22;	
20	17.2	78.2	104	13	US-10-027-632-131512	Sequence 131512, A	Sequence 131512, A	DB 11;	
21	17.2	78.2	1163	16	US-10-283-122A-37180	Sequence 3898, A	Sequence 3898, A	Score 22;	
22	17.2	78.2	1182	16	US-10-283-122A-39447	Sequence 39444, A	Sequence 39444, A	DB 11;	
23	17.2	78.2	1182	16	US-10-283-122A-32260	Sequence 23220, A	Sequence 23220, A	Score 22;	
24	17.2	78.2	1182	16	US-10-283-122A-37777	Sequence 35777, A	Sequence 35777, A	DB 11;	
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26	17.2	78.2	1182	16	US-10-283-122A-37777	Sequence 915, App	Sequence 915, App	DB 11;	
27	16.8	76.4	791	18	US-10-423-115-14564	Sequence 1043, App	Sequence 1043, App	Score 22;	
28	16.8	76.4	1980	18	US-10-423-115-14564	Sequence 2704, App	Sequence 2704, App	DB 11;	
29	16.8	76.4	2394	15	US-10-104-104-104-104	Sequence 11, App	Sequence 11, App	Score 22;	
30	16.8	76.4	28772	16	US-10-104-104-104-104	Sequence 174, App	Sequence 174, App	DB 11;	
31	16.8	76.4	301692	16	US-10-108-260A-1744	Sequence 9753, App	Sequence 9753, App	Score 22;	
32	16.8	76.4	310268	17	US-10-425-114-9753	Sequence 130837, A	Sequence 130837, A	DB 11;	
33	16.4	74.5	831	16	US-09-919-039-373	Sequence 373, App	Sequence 373, App	Score 22;	
34	16.4	74.5	1357	15	US-10-101-510-583	Sequence 583, App	Sequence 583, App	DB 11;	
35	16.4	74.5	1621	9	US-09-729-674-171	Sequence 171, App	Sequence 171, App	Score 22;	
36	16.4	74.5	2200	16	US-10-425-114-9753	Sequence 142, App	Sequence 142, App	DB 11;	
37	16.4	74.5	2230	16	US-10-425-114-9753	Sequence 1402-099, 853A	Sequence 1402-099, 853A	Score 22;	
38	16.4	74.5	2230	16	US-10-425-114-9753	Sequence 1402-099, 853A	Sequence 1402-099, 853A	DB 11;	
39	16.4	74.5	2260	16	US-10-425-114-9753	Sequence 1402-099, 853A	Sequence 1402-099, 853A	Score 22;	
40	16.4	74.5	3128	10	US-09-919-039-373	Sequence 1402-099, 853A	Sequence 1402-099, 853A	DB 11;	
41	16.4	74.5	3128	15	US-10-101-510-583	Sequence 1402-099, 853A	Sequence 1402-099, 853A	Score 22;	
42	16.4	74.5	3986	18	US-10-337-930-22937	Sequence 22937, A	Sequence 22937, A	DB 11;	
43	16.4	74.5	3986	18	US-10-351-930-28798	Sequence 28798, A	Sequence 28798, A	Score 22;	
44	16.4	74.5	27684	15	US-10-024-650-28	Sequence 28, App	Sequence 28, App	DB 11;	
45	16.4	74.5	49589	17	US-10-322-281-814	Sequence 814, App	Sequence 814, App	Score 22;	
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US-09-939-853A-142									
; Sequence 142, Application US/09939853A									
; Publication No. US2004039163A1									
; GENERAL INFORMATION:									
; APPLICANT: Burgess et al.									
; TITLE OF INVENTION: /									
; FILE REFERENCE: 21402-099									
; CURRENT APPLICATION NUMBER: US/09/939									
; PRIORITY FILING DATE: 2001-08-27									
; PRIORITY FILING DATE: 2000-08-25									
; PRIORITY FILING DATE: 2001-02-08									
; PRIORITY FILING DATE: 2001-02-20									
; PRIORITY FILING DATE: 2000-08-25									
; PRIORITY FILING DATE: 2001-03-20									
; NUMBER OF SEQ ID NOS: 159									
; SOFTWARE: PatentIn Ver. 2.1									
; SEQ ID NO: 142									
; LENGTH: 22									
; TYPE: DNA									
; ORGANISM: Artificial Sequence									
; FEATURE: /									
; OTHER INFORMATION: Description of Artificial Sequence:									
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Qy 1 TAGAGGTTCTGGGTGCTTCA 22									

Db 1 TGAGAGACTCTGGTGTCTTA 22
 RESULT 2
 US-09-814-353-21302 Application US/09814353
 ; Sequence 23:302, Application No. US20030165831A1.
 ; GENERAL INFORMATION:
 ; APPLICANT: Lee, John
 ; APPLICANT: Thompson, Pamela
 ; APPLICANT: Lillie, James
 ; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
 ; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
 ; THERAPY OF OVARIAN CANCER
 ; FILE REFERENCE: MRI-06B
 ; CURRENT APPLICATION NUMBER: US/09/814,353
 ; PRIOR APPLICATION NUMBER: US 60/191,031
 ; PRIOR FILING DATE: 2000-03-21
 ; PRIOR APPLICATION NUMBER: US 60/207,124
 ; PRIOR FILING DATE: 2000-05-25
 ; PRIOR APPLICATION NUMBER: US 60/211,940
 ; PRIOR FILING DATE: 2000-06-15
 ; PRIOR APPLICATION NUMBER: US 60/216,820
 ; PRIOR FILING DATE: 2000-07-07
 ; PRIOR APPLICATION NUMBER: US 60/220,661
 ; PRIOR FILING DATE: 2000-07-25
 ; PRIOR APPLICATION NUMBER: US 60/257,672
 ; PRIOR FILING DATE: 2000-12-21
 ; NUMBER OF SEQ ID NOS: 22037
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 21302
 ; LENGTH: 864
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: 1, 2, 3, 32, 862, 863, 864
 ; OTHER INFORMATION: n = A,T,C or G
 us-09-814-353-21302
 Query Match 100.0%; Score 22; DB 10; Length 864;
 Best Local Similarity 100.0%; Pred. No. 0.5%; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 TGAGAGACTCTGGTGTCTTA 22
 Db 276 TGAGAGACTCTGGTGTCTTA 297

RESULT 3
 US-09-939-853A-74
 ; Sequence 74, Application US/0939-853A
 ; Publication No. US20040039163A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Burgess et al.
 ; TITLE OF INVENTION: NO. US20040039163A1 Proteins and Nucleic Acids Encoding Same
 ; FILE REFERENCE: 214:02-099
 ; CURRENT APPLICATION NUMBER: US/09/939,853A
 ; CURRENT FILING DATE: 2001-08-27
 ; PRIOR APPLICATION NUMBER: 60/228,191
 ; PRIOR FILING DATE: 2000-08-25
 ; PRIOR APPLICATION NUMBER: 60/267,300
 ; PRIOR FILING DATE: 2001-02-08
 ; PRIOR APPLICATION NUMBER: 60/269,961
 ; PRIOR FILING DATE: 2001-02-20
 ; PRIOR APPLICATION NUMBER: 60/277,337
 ; PRIOR FILING DATE: 2001-03-20
 ; NUMBER OF SEQ ID NOS: 159
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 76
 ; LENGTH: 1183
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 us-09-939-853A-76

Query Match 100.0%; Score 22; DB 11; Length 1183;
 Best Local Similarity 100.0%; Pred. No. 0.5%; Mismatches 0; Indels 0; Gaps 0;

RESULT 4
 US-09-939-853A-76/C
 ; Sequence 76, Application US/0939853A
 ; Publication No. US20040039163A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Burgess et al.
 ; TITLE OF INVENTION: No. US20040039163A1 Proteins and Nucleic Acids Encoding Same
 ; FILE REFERENCE: 214:02-099
 ; CURRENT APPLICATION NUMBER: US/09/939,853A
 ; CURRENT FILING DATE: 2001-08-27
 ; PRIOR APPLICATION NUMBER: 60/228,191
 ; PRIOR FILING DATE: 2000-08-25
 ; PRIOR APPLICATION NUMBER: 60/267,300
 ; PRIOR FILING DATE: 2001-02-08
 ; PRIOR APPLICATION NUMBER: 60/269,961
 ; PRIOR FILING DATE: 2001-02-20
 ; PRIOR APPLICATION NUMBER: 60/277,337
 ; PRIOR FILING DATE: 2001-03-20
 ; NUMBER OF SEQ ID NOS: 159
 ; SOFTWARE: PatentIn Ver. 2.1
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 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 us-09-939-853A-76

Query Match 100.0%; Score 22; DB 11; Length 1183;
 Best Local Similarity 100.0%; Pred. No. 0.5%; Mismatches 0; Indels 0; Gaps 0;

RESULT 5
 US-09-867-550-953
 ; Sequence 953, Application US/09867550
 ; Patent No. US20020082206A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Leach, Martin D.
 ; APPLICANT: Mehraban, Fuaad
 ; APPLICANT: Conley, Pamela
 ; APPLICANT: Law, Debbie
 ; APPLICANT: Topper, James
 ; TITLE OF INVENTION: Theraby
 ; FILE REFERENCE: 214:02-013 (Cura-313)
 ; CURRENT APPLICATION NUMBER: US/09/867,550
 ; CURRENT FILING DATE: 2001-09-20
 ; PRIOR APPLICATION NUMBER: USSN 60/208,427
 ; PRIOR FILING DATE: 2000-05-30
 ; NUMBER OF SEQ ID NOS: 215
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 953
 ; LENGTH: 763
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 us-09-867-550-953

Query Match 92.7%; Score 20.4%; DB 9; Length 763;

Best Local Similarity 95.5%; Pred. No. 3.1;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
CURRENT FILING DATE: 2002-12-17
NUMBER OF SEQ ID NOS: 866
SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO: 317
LENGTH: 57347
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)_(57347)
OTHER INFORMATION: n = A,T,C or G
US-10-322-281-317

RESULT 6

US-10-417-375-135
Sequence 135, Application US/10417375
Publication No. US2004019526A1
GENERAL INFORMATION:
APPLICANT: David W. Morris
APPLICANT: Marc Malandro
TITLE OF INVENTION: Novel Therapeutic Targets in Cancer
FILE REFERENCE: 529452001600
CURRENT APPLICATION NUMBER: US/10/417,375
CURRENT FILING DATE: 2003-04-15
NUMBER OF SEQ ID NOS: 176
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 135
LENGTH: 51323
TYPE: DNA
ORGANISM: Mus musculus

Query Match 80.9%; Score 17.8; DB 16; Length 2064;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CURRENT FILING DATE: 2002-12-17
NUMBER OF SEQ ID NOS: 133
SOFTWARE: FastSEQ for Windows Version 4.0

RESULT 7

US-10-108-260A-1362/C
Sequence 1362, Application US/10108260A
Publication No. US2004005560A1
GENERAL INFORMATION:
APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: No. US2004005560A1el full length cDNA
FILE REFERENCE: H1-A0106
CURRENT APPLICATION NUMBER: US/10/108,260A
CURRENT FILING DATE: 2002-03-27
NUMBER OF SEQ ID NOS: 5458
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO: 1362
LENGTH: 2064
TYPE: DNA
ORGANISM: Homo sapiens

Query Match 80.9%; Score 17.8; DB 16; Length 2064;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CURRENT FILING DATE: 2002-12-17
NUMBER OF SEQ ID NOS: 133
SOFTWARE: PatentIn Ver. 2.1

RESULT 8

US-10-322-281-317
Sequence 317, Application US/10322281
Publication No. US20040126762A1
GENERAL INFORMATION:
APPLICANT: David W. Morris
APPLICANT: Marc S. Malandro
TITLE OF INVENTION: Novel Compositions and Methods in Cancer
FILE REFERENCE: 529452001000
CURRENT APPLICATION NUMBER: US/10/322,281

Query Match 80.9%; Score 17.8; DB 16; Length 2064;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CURRENT FILING DATE: 2002-12-17
NUMBER OF SEQ ID NOS: 133
SOFTWARE: FastSEQ for Windows Version 4.0

RESULT 9

US-10-723-860-167
Sequence 167, Application US/107238660
Publication No. US2004025306A1
GENERAL INFORMATION:
APPLICANT: Aziz Natasha
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Zlonik, Albert
TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions & Methods for Screening for Soft Tissue Sarcoma Modulators
FILE REFERENCE: 05882-019-NPUS01
CURRENT APPLICATION NUMBER: US/10/723,860
PRIORITY APPLICATION NUMBER: 2002-11-26
NUMBER OF SEQ ID NOS: 8393
SOFTWARE: PatentIn version 3.2
SEQ ID NO: 167
LENGTH: 368
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (368)_(368)
OTHER INFORMATION: n is a, c, g, or t
US-10-723-860-167

Query Match 80.9%; Score 17.4; DB 18; Length 368;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 10

US-10-080-334-85
Sequence 85, Application US/10080334
Publication No. US20040002584A1
GENERAL INFORMATION:
APPLICANT: Pena, Carol E. A.
APPLICANT: Shinkets, Richard A.
APPLICANT: Li, Li
APPLICANT: Suresh G
APPLICANT: Kekuda, Ramesh
APPLICANT: Spivek, Kimberley A.
APPLICANT: Vernet, Corine A. M.
APPLICANT: Malayankar, Uriel M.
APPLICANT: Guo, Xiaojia
APPLICANT: Gusev, Vladimir Y

; APPLICANT: Casman, Stacie J
 ; APPLICANT: Boldog, Ferenc L
 ; APPLICANT: Furtak, Katalynna T
 ; APPLICANT: Tchernov, Velizar T
 ; APPLICANT: Patturajan, Meera
 ; APPLICANT: Gangolli, Esha A
 ; APPLICANT: Padigaru, Muralidhara
 ; APPLICANT: Liu, Xiaohong
 ; APPLICANT: Baumgartner, Jason C.
 ; APPLICANT: Gerlach, Valerie
 ; APPLICANT: Spaderna, Steven K
 ; APPLICANT: Zehfus, Bryan D
 ; TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
 ; TITLE OF INVENTION: Using the Same
 ; FILE REFERENCE: 21402275
 ; CURRENT APPLICATION NUMBER: US/10/080,334
 ; CURRENT FILING DATE: 2002-02-21
 ; PRIOR APPLICATION NUMBER: 60/270,523
 ; PRIOR FILING DATE: 2001-02-21
 ; PRIOR APPLICATION NUMBER: 60/322,712
 ; PRIOR FILING DATE: 2001-09-17
 ; PRIOR APPLICATION NUMBER: 60/311,980
 ; PRIOR FILING DATE: 2001-08-13
 ; PRIOR APPLICATION NUMBER: 60/330,307
 ; PRIOR FILING DATE: 2001-02-21
 ; PRIOR APPLICATION NUMBER: 60/278,796
 ; PRIOR FILING DATE: 2001-03-26
 ; PRIOR APPLICATION NUMBER: 60/281,521
 ; PRIOR FILING DATE: 2001-04-04
 ; PRIOR APPLICATION NUMBER: 60/276,677
 ; PRIOR FILING DATE: 2001-01-18
 ; PRIOR APPLICATION NUMBER: 60/311,595
 ; PRIOR FILING DATE: 2001-09-10
 ; PRIOR APPLICATION NUMBER: 60/270,220
 ; PRIOR FILING DATE: 2001-02-21
 ; PRIOR APPLICATION NUMBER: 60/274,295
 ; PRIOR FILING DATE: 2001-03-08
 ; PRIOR APPLICATION NUMBER: 60/318,526
 ; PRIOR FILING DATE: 2001-09-10
 ; PRIOR APPLICATION NUMBER: 60/386,548
 ; PRIOR FILING DATE: 2001-04-25
 ; PRIOR APPLICATION NUMBER: 60/291,765
 ; PRIOR FILING DATE: 2001-05-17
 ; PRIOR APPLICATION NUMBER: 60/270,797
 ; PRIOR FILING DATE: 2001-02-23
 ; PRIOR APPLICATION NUMBER: 60/276,400
 ; PRIOR FILING DATE: 2001-01-16
 ; PRIOR APPLICATION NUMBER: 60/270,810
 ; PRIOR FILING DATE: 2001-02-23
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 95
 ; LENGTH: 2442
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-080-334-85

Query Match 79.1%; Score 17.4%; DB 16; Length 2442;
 Best Local Similarity 94.7%; Pred. No. 95;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 GAGAGTCCTGGTGTCTA 22
 Db 1116 GAGAGTCCTGGTGTCTA 1134

RESULT 11
 US-10-336-472-121
 Sequence 121, Application US/10336472
 Publication No. US20040043229A1
 GENERAL INFORMATION:
 APPLICANT: Anderson, David W.
 APPLICANT: Ballinger, Robert A.

; APPLICANT: Baumgartner, Jason C.
 ; APPLICANT: Burgess, Catherine E.
 ; APPLICANT: Casman, Stacie J.
 ; APPLICANT: Chant, John S.
 ; APPLICANT: Berghs, Constance A.
 ; APPLICANT: Gangolli, Esha A.
 ; APPLICANT: Edinger, Shlomit R.
 ; APPLICANT: Ellerman, Karen R.
 ; APPLICANT: Furtak, Katalynna
 ; APPLICANT: Gerlach, Valerie
 ; APPLICANT: Gilbert, Jennifer A.
 ; APPLICANT: Gunther, Erik
 ; APPLICANT: Gorman, Linda
 ; APPLICANT: Guo, Xiaojia Sasha
 ; APPLICANT: Ji, Weizhen
 ; APPLICANT: Li, Li
 ; APPLICANT: Liu, Xiaohong
 ; APPLICANT: Miller, Charles E.
 ; APPLICANT: Millet, Isabelle
 ; APPLICANT: Padigaru, Muralidhara
 ; APPLICANT: Patturajan, Meera
 ; APPLICANT: Rastelli, Luca
 ; APPLICANT: MacDougall, John R.
 ; APPLICANT: Mishra, Vishnu
 ; APPLICANT: Pena, Carol E.A.
 ; APPLICANT: Spaderna, Steven K.
 ; APPLICANT: Shimkets, Richard A.
 ; APPLICANT: Smithson, Glenda
 ; APPLICANT: Spytek, Kimberly A.
 ; APPLICANT: Stone, David J.
 ; APPLICANT: Shenoy, Suresh G.
 ; APPLICANT: Ort, Tatiana
 ; APPLICANT: Taupier Jr., Raymond J.
 ; APPLICANT: Tchernev, Velizar T.
 ; APPLICANT: Vernet, Corine A.M.
 ; APPLICANT: Wolenc, Adam R.
 ; APPLICANT: Zerhusen, Bryan D.
 ; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
 ; FILE REFERENCE: 21402-533C
 ; CURRENT APPLICATION NUMBER: US/10/336,472
 ; CURRENT FILING DATE: 2003-01-03
 ; PRIOR APPLICATION NUMBER: 09/746,491
 ; PRIOR FILING DATE: 2000-12-20
 ; PRIOR APPLICATION NUMBER: 10/005,041
 ; PRIOR FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: 10/023,681
 ; PRIOR FILING DATE: 2001-12-18
 ; PRIOR APPLICATION NUMBER: 10/024,212
 ; PRIOR FILING DATE: 2001-12-18
 ; PRIOR APPLICATION NUMBER: 10/055,569
 ; PRIOR FILING DATE: 2001-10-26
 ; PRIOR APPLICATION NUMBER: 10/080,334
 ; PRIOR FILING DATE: 2002-02-21
 ; PRIOR APPLICATION NUMBER: 10/092,900
 ; PRIOR FILING DATE: 2002-03-07
 ; PRIOR APPLICATION NUMBER: 10/136,826
 ; PRIOR FILING DATE: 2002-05-01
 ; PRIOR APPLICATION NUMBER: 10/236,417
 ; PRIOR FILING DATE: 2002-09-06
 ; PRIOR APPLICATION NUMBER: 60/345,092
 ; Remaining Prior Application data removed - See File Wrapper or PAM.
 ; NUMBER OF SEQ ID NOS: 230
 ; SEQ ID NO: 121
 ; LENGTH: 2442
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (77)..(2395)
 ; US-10-336-472-121

Query Match 79.1%; Score 17.4; DB 16; Length 2442;
 Best Local Similarity 94.7%; Pred. No. 95;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 GAGAGTCTGGGTGTCCTA 22
 Db 1116 GAGAGTCTGGATGTCCTA 1134

RESULT 12
 US-10-159-563-396
 Sequence 396, Application US/10159563
 Publication No. US20040009154A1
 GENERAL INFORMATION:
 APPLICANT: Khan, Javed
 APPLICANT: Ringner, Markus
 APPLICANT: Peterson, Carsten
 APPLICANT: Meltzer, Paul
 TITLE OF INVENTION: SELECTIONS OF GENES AND METHODS OF USING THE SAME FOR THERAPY OF SELECT CANCERS
 FILE REFERENCE: 11613_56US1
 CURRENT APPLICATION NUMBER: US/10/159,563
 CURRENT FILING DATE: 2002-12-09
 PRIOR APPLICATION NUMBER: US 10/133,937
 PRIOR FILING DATE: 2002-04-25
 NUMBER OF SEQ ID NOS: 444
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 396
 LENGTH: 2466
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-159-563-396

Query Match 79.1%; Score 17.4; DB 16; Length 2466;
 Best Local Similarity 94.7%; Pred. No. 95;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 GAGAGTCTGGGTGTCCTA 22
 Db 1184 GAGAGTCTGGATGTCCTA 1202

RESULT 13
 US-10-336-472-123
 Sequence 123, Application US/10336472
 Publication No. US20040043929A1
 GENERAL INFORMATION:
 APPLICANT: Anderson, David W.
 APPLICANT: Ballinger, Robert A.
 APPLICANT: Baumgartner, Jason C.
 APPLICANT: Burgess, Catherine E.
 APPLICANT: Casman, Stacie J.
 APPLICANT: Chant, John S.
 APPLICANT: Berghs, Constance
 APPLICANT: Gangolfi, Esha A.
 APPLICANT: Edinger, Shlomit R.
 APPLICANT: Ellerman, Karen
 APPLICANT: Furtak, Katarzyna
 APPLICANT: Gerlach, Valerie
 APPLICANT: Gilbert, Jennifer A.
 APPLICANT: Gunther, Erik
 APPLICANT: Gorman, Linda
 APPLICANT: Guo, Xiaoxia Sasha
 APPLICANT: Ji, Weizhen
 APPLICANT: Li, Li
 APPLICANT: Liu, Xiaohong
 APPLICANT: Miller, Charles E.
 APPLICANT: Miller, Isabelle
 APPLICANT: Padigaru, Muralidhara
 APPLICANT: Patturajan, Meera
 APPLICANT: Rastelli, Luca
 APPLICANT: MacDougall, John R.

; APPLICANT: Mishra, Vishnu
 ; APPLICANT: Pena, Carol E.A.
 ; APPLICANT: Spaderna, Steven K.
 ; APPLICANT: Shimkets, Richard A.
 ; APPLICANT: Smithson, Glenda
 ; APPLICANT: Spytek, Kimberly A.
 ; APPLICANT: Stone, David J.
 ; APPLICANT: Shenoy, Suresh G.
 ; APPLICANT: Ort, Tatiana
 ; APPLICANT: Taupier Jr., Raymond J.
 ; APPLICANT: Tchernev, Velizar T.
 ; APPLICANT: Vernet, Corine A.M.
 ; APPLICANT: Wolanc, Adam R.
 ; APPLICANT: Zerhusen, Bryan D.
 ; APPLICANT: Zhong, Mei
 TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
 FILE REFERENCE: 21402-533C
 CURRENT APPLICATION NUMBER: US/10/336,472
 CURRENT FILING DATE: 2003-01-03
 PRIOR APPLICATION NUMBER: 09/746,491
 PRIOR FILING DATE: 2000-12-20
 PRIOR APPLICATION NUMBER: 10/005,041
 PRIOR FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: 10/023,681
 PRIOR FILING DATE: 2001-12-18
 PRIOR APPLICATION NUMBER: 10/024,212
 PRIOR FILING DATE: 2001-12-18
 PRIOR APPLICATION NUMBER: 10/055,569
 PRIOR FILING DATE: 2001-10-26
 PRIOR APPLICATION NUMBER: 10/080,334
 PRIOR FILING DATE: 2002-02-21
 PRIOR APPLICATION NUMBER: 10/092,900
 PRIOR FILING DATE: 2002-03-07
 PRIOR APPLICATION NUMBER: 10/136,826
 PRIOR FILING DATE: 2002-05-01
 PRIOR APPLICATION NUMBER: 10/236,417
 PRIOR FILING DATE: 2002-09-06
 PRIOR APPLICATION NUMBER: 60/345,092
 PRIOR FILING DATE: 2002-01-04
 Remaining Prior Application data removed - See File Wrapper or PAM.
 NUMBER OF SEQ ID NOS: 230
 SOFTWARE: CuratedSeqList version 0.1
 SEQ ID NO 123
 LENGTH: 2469
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (1)..(2463)
 US-10-336-472-123

Query Match 79.1%; Score 17.4; DB 16; Length 2469;
 Best Local Similarity 94.7%; Pred. No. 95;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 GAGAGTCTGGGTGTCCTA 22
 Db 1184 GAGAGTCTGGATGTCCTA 1202

RESULT 14
 US-10-274-639-22
 Sequence 22, Application US/10274639
 Publication No. US20030232349A1
 GENERAL INFORMATION:
 APPLICANT: INCYTE GENOMICS, INC.
 APPLICANT: DELSEANE, Angelo M.; GANDHI, Ameena R.
 APPLICANT: DEBOPRIVA, April J.A.; LU, Duyng Aina M.
 APPLICANT: PATERSON, Chandra; TRIPOULEY, Catherine M.
 APPLICANT: HAFALIA, April J.A.; LU, Duyng Aina M.
 APPLICANT: DAS, Debopriva; KAULICK, Deborah A.
 APPLICANT: NGUYEN, Dannie B.; LEE, Ernestine A.
 APPLICANT: KHAN, Farrah A.; YOB, Henry
 APPLICANT: AU-YOUNG, Janice K.; GRIFFIN, Jennifer A.

POLICKY, Jennifer L.; RAMKUMAR, Jayalaxmi YANG, Junming; THANGAVELU, Kavitha DING, Li; KEARNEY, Tom; BAUGHN, Mariah R.; BOROWSKY, Mark L.

APPLICANT: BAUGHN, Mariah R.; BOROWSKY, Mark L.

APPLICANT: SANJANWALA, Madhusudan M.; YAO, Monique G.

APPLICANT: BURFORD, Neil; CHAWLA, Narinder K.

APPLICANT: LAL, Preeti G.; LEE, Sally

APPLICANT: TODD, Stephen; LO, Terence P.

APPLICANT: TANG, Y.; YALDA, Yalda; LU, Yan

TITLE OF INVENTION: PROTEASES

CURRENT APPLICATION NUMBER: US/10/274,639

CURRENT FILING DATE: 2002-10-18

PRIOR APPLICATION NUMBER: PCT/US01/22397

PRIOR FILING DATE: 2001-07-17

PRIOR APPLICATION NUMBER: US 60/220,063

PRIOR FILING DATE: 2000-07-21

PRIOR APPLICATION NUMBER: US 60/221,680

PRIOR FILING DATE: 2000-07-28

PRIOR APPLICATION NUMBER: US 60/223,544

PRIOR FILING DATE: 2000-08-04

PRIOR APPLICATION NUMBER: US 60/224,717

PRIOR FILING DATE: 2000-08-11

PRIOR APPLICATION NUMBER: US 60/225,988

PRIOR FILING DATE: 2000-08-16

PRIOR APPLICATION NUMBER: US 60/227,568

PRIOR FILING DATE: 2000-08-23

PRIOR APPLICATION NUMBER: NOS: 42

SOFTWARE: PERL Program

SEQ ID NO: 22

LENGTH: 2789

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc feature

OTHER INFORMATION: Incyte ID No: 5155802CB1

US-10-274-639-22

Query Match 79.1%; Score 17.4%; DB 15; Length 2789;

Best Local Similarity 94.7%; Pred. No. 95;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 GAGAGTTCTGGGTGTCCTA 22

Db 1342 GAGAGTTCTGGATGTCCTA 1360

RESULT 15

US-10-333-574-22

Sequence 22, Application US/10333574

Publication No. US20040091962A1

GENERAL INFORMATION:

APPLICANT: INCYTE GENOMICS, INC.

APPLICANT: DELEGANE, Angelo M.; GANDHI, Ameena R.

APPLICANT: HAFALIA, Chandra S.; TRIBOUTLEY, Catherine M.

APPLICANT: ARIVUZU, Chandra S.; TRIBOUTLEY, Deborah A.

APPLICANT: DAS, Debopriya; KALLICK, Deborah A.

APPLICANT: NGUYEN, Dannie B.; LEE, Ernestine A.

APPLICANT: KHAN, Farrah A.; YUE, Henry

APPLICANT: AU-YOUNG, Janice K.; GRIFFIN, Jennifer A.

APPLICANT: POLICKY, Jennifer L.; RAMKUMAR, Jayalaxmi YANG, Junming; THANGAVELU, Kavitha DING, Li; KEARNEY, Tom

APPLICANT: BAUGHN, Mariah R.; BOROWSKY, Mark L.

APPLICANT: SANJANWALA, Madhusudan M.; YAO, Monique G.

APPLICANT: BURFORD, Neil; CHAWLA, Narinder K.

APPLICANT: LAL, Preeti G.; LEE, Sally

APPLICANT: TODD, Stephen; LO, Terence P.

APPLICANT: TANG, Y.; YALDA, Yalda; LU, Yan

APPLICANT: AZIMZAI, Azimzai; YALDA, Yalda; LU, Yan

TITLE OF INVENTION: PROTEASES

FILE REFERENCE: PI-0167 USN

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OM nucleic - nucleic search, using sw model

Run on: December 30, 2004, 13:03:38 ; Search time 125 seconds

(without alignments)
6726.906 Million cell updates/sec

Title: US-09-939-853A-74

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Gapop 60.0 , Gapext 60.0

Searched: 824507 seqs, 35539441 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 300 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 4	20	1.7	675	1	US-08-707-753A-3	Sequence 3, Appli
C 5	20	1.7	2129	4	US-09-016-434-1452	Sequence 1452, Ap
C 6	20	1.7	786331	4	US-09-151-339-3	Sequence 3, Appli
C 7	19	1.6	1467	4	US-09-579-182-2	Sequence 2, Appli
C 8	19	1.6	1548	3	US-09-099-053-1	Sequence 1, Appli
C 9	19	1.6	2771	4	US-09-016-334-1101	Sequence 1101, Ap
C 10	18	1.5	438	4	US-09-513-999C-32749	Sequence 32749, A
C 11	18	1.5	1669	3	US-09-318-448-8	Sequence 2164, Ap
C 12	18	1.5	768	4	US-09-210-767-2166	Sequence 2164, Ap
C 13	18	1.5	1194	4	US-09-270-767-1748	Sequence 17448, A
C 14	18	1.5	1438	3	US-09-174-528-216	Sequence 4, Appli
C 15	18	1.5	1438	3	US-09-187-331-4	Sequence 4, Appli
C 16	18	1.5	1669	3	US-09-470-946-4	Sequence 8, Appli
C 17	18	1.5	3090	3	US-09-276-531-78	Sequence 78, Appli
C 18	18	1.5	3819	4	US-10-140-002-405	Sequence 405, App
C 19	18	1.5	5246	4	US-09-799-451-474	Sequence 474, App
C 20	18	1.5	70000	4	US-09-051-856-3	Sequence 3, Appli
C 21	17	1.4	351	3	US-09-046-479-1	Sequence 1, Appli
C 22	17	1.4	351	4	US-08-822-897C-1	Sequence 1, Appli
C 23	17	1.4	351	4	US-09-608-810A-3	Sequence 3, Appli
C 24	17	1.4	351	4	US-09-104-417A-1	Sequence 1, Appli
C 25	17	1.4	435	4	US-09-252-991A-9817	Sequence 172, Appli
C 26	17	1.4	439	3	US-09-222-515-172	Sequence 172, Appli
C 27	17	1.4	439	4	US-09-389-681-172	Sequence 172, Appli

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c 44	1.4	654	4	US-10-140-002-441	Sequence 441, Appli
c 45	1.4	674	4	US-09-621-976-87	Sequence 87, Appli
c 46	1.4	759	4	US-09-489-039A-9493	Sequence 5493, Appli
c 47	1.4	894	4	US-09-434-254-1	Sequence 1, Appli
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c 49	1.4	941	4	US-09-634-338-89	Sequence 89, Appli
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c 53	1.4	1089	3	US-08-463-773-37	Sequence 3, Appli
c 54	1.4	1089	5	PCT-US93-0945-1	Sequence 5, Appli
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c 56	1.4	1747	3	US-09-566-921-66	Sequence 67, Appli
c 57	1.4	1748	3	US-08-765-889C-1	Sequence 1, Appli
c 58	1.4	1748	3	PCT-US95-0855-1	Sequence 1, Appli
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c 62	1.4	2180	3	US-08-755-559-2	Sequence 2, Appli
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c 64	1.4	2315	4	US-10-674-424-4	Sequence 4, Appli
c 65	1.4	2648	4	US-09-373-557-5	Sequence 5, Appli
c 66	1.4	2666	4	US-09-566-921-3	Sequence 66, Appli
c 67	1.4	2856	4	US-09-252-991A-6767	Sequence 6767, Appli
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c 74	1.4	3059	4	US-09-722-825-61	Sequence 61, Appli
c 75	1.4	3059	4	US-09-722-878-61	Sequence 61, Appli
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c 84	1.4	26850	4	US-10-327-189-41	Sequence 41, Appli
c 85	1.4	61663	3	US-09-453-702-62	Sequence 62, Appli
c 86	1.4	4403765	3	US-09-103-840A-2	Sequence 2, Appli
c 87	1.4	4411529	3	US-09-103-840A-1	Sequence 1, Appli
c 88	1.4	18	4	US-09-404-270-767-25406	Sequence 8, Appli
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c 92	1.4	265	3	US-09-071-210-9	Sequence 9, Appli
c 93	1.4	265	3	US-09-525-397-9	Sequence 9, Appli
c 94	1.4	278	4	US-09-621-764-42	Sequence 16442, A
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c 96	1.4	283	4	US-09-513-99C-0413	Sequence 2041, A
c 97	1.4	288	3	US-09-710-710-10	Sequence 10, Appli
c 98	1.4	288	3	US-09-525-397-10	Sequence 10, Appli
c 99	1.4	310	1	US-08-235-338-9	Sequence 9, Appli
c 100	1.4	310	2	US-08-465-473B-9	Sequence 9, Appli

1.4	16	US-09-513-999C-33885	Sequence 33885, A	Sequence 978, App
321	2	US-08-888-366-21	Sequence 21, App1	Sequence 20, App1
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C 103	1.4	331	4 US-09-513-999C-848	Sequence 848, App
C 104	1.4	351	4 US-09-641-638-433	Sequence 433, App
C 105	1.4	352	4 US-09-641-638-434	Sequence 434, App
C 106	1.4	352	4 US-10-170-097-433	Sequence 433, App
C 107	1.4	352	4 US-10-170-097-434	Sequence 434, App
C 108	1.4	357	4 US-09-513-999C-28632	Sequence 28692, A
C 109	1.4	391	4 US-09-621-976-18404	Sequence 18404, A
C 110	1.4	399	3 US-09-489-039A-3397	Sequence 3397, App
C 111	1.4	408	4 US-09-564-329A-10	Sequence 10, App1
C 112	1.4	408	4 US-09-963-620-10	Sequence 10, App1
C 113	1.4	408	4 US-09-855-632-10	Sequence 10, App1
C 114	1.4	408	4 US-09-855-632-10	Sequence 10, App1
C 115	1.4	423	2 US-08-822-028-62	Sequence 62, App1
C 116	1.4	423	3 US-08-479-285-62	Sequence 62, App1
C 117	1.4	423	4 US-09-1503-653A-62	Sequence 62, App1
C 118	1.4	439	3 US-09-042-353-360	Sequence 360, App
C 119	1.4	439	3 US-08-758-417A-208	Sequence 208, App
C 120	1.4	456	4 US-09-513-999C-11302	Sequence 11302, A
C 121	1.4	480	4 US-09-621-976-10604	Sequence 10604, A
C 122	1.4	497	4 US-09-621-976-2590	Sequence 2590, App
C 123	1.4	507	4 US-09-270-767-26001	Sequence 26001, A
C 124	1.4	546	4 US-09-252-991A-1532	Sequence 1532, App
C 125	1.4	551	4 US-09-270-767-14395	Sequence 14395, A
C 126	1.4	579	4 US-09-328-352-491	Sequence 491, App
C 127	1.4	594	4 US-09-252-991A-11119	Sequence 11119, A
C 128	1.4	612	4 US-09-270-767-10573	Sequence 10573, A
C 129	1.4	615	4 US-09-252-991A-12620	Sequence 12620, A
C 130	1.4	631	4 US-09-252-991A-1532	Sequence 10068, A
C 131	1.4	651	4 US-09-270-767-10604	Sequence 9984, App
C 132	1.4	654	4 US-09-252-991A-11241	Sequence 11241, A
C 133	1.4	748	1 US-08-435-638-10	Sequence 10, App1
C 134	1.4	748	1 US-08-465-473B-10	Sequence 10, App1
C 135	1.4	772	3 US-09-020-956-11	Sequence 11, App1
C 136	1.4	772	3 US-09-130-607-11	Sequence 11, App1
C 137	1.4	772	3 US-09-339-513-11	Sequence 11, App1
C 138	1.4	772	3 US-09-352-616A-11	Sequence 11, App1
C 139	1.4	772	4 US-09-232-149A-11	Sequence 11, App1
C 140	1.4	772	4 US-09-159-812-11	Sequence 11, App1
C 141	1.4	772	4 US-09-636-215-11	Sequence 11, App1
C 142	1.4	772	4 US-09-685-166A-11	Sequence 11, App1
C 143	1.4	772	4 US-09-115-533-11	Sequence 11, App1
C 144	1.4	772	4 US-09-688-189-11	Sequence 11, App1
C 145	1.4	772	4 US-09-679-126-11	Sequence 11, App1
C 146	1.4	819	1 US-08-792-019B-4	Sequence 4, App1
C 147	1.4	819	3 US-08-388-819-4	Sequence 4, App1
C 148	1.4	819	3 US-09-16-334-4	Sequence 4, App1
C 149	1.4	847	1 US-08-053-131-184	Sequence 184, App
C 150	1.4	847	1 US-08-096-762-184	Sequence 184, App
C 151	1.4	924	4 US-09-679-126-11	Sequence 47, App1
C 152	1.4	924	4 US-09-147-915-2	Sequence 56, App1
C 153	1.4	924	4 US-09-713-550-174	Sequence 312, App
C 154	1.4	924	4 US-09-825-174-174	Sequence 1, App1
C 155	1.4	924	1 US-09-468-709B-1	Sequence 1, App1
C 156	1.4	924	2 US-08-241-666B-1	PCT-US3-03336-1
C 157	1.4	924	4 US-09-147-915-2	Sequence 174, App
C 158	1.4	924	4 US-09-713-550-174	Sequence 174, App
C 159	1.4	908	3 US-08-388-388-1	Sequence 1829, App
C 160	1.4	909	4 US-09-226-1829	Sequence 174, App
C 161	1.4	924	1 US-09-468-709B-1	Sequence 1, App1
C 162	1.4	924	3 US-08-241-666B-1	Sequence 1, App1
C 163	1.4	1065	3 US-08-875-811-56	Sequence 56, App1
C 164	1.4	1125	4 US-09-218-489-1	Sequence 1, App1
C 165	1.4	1230	4 US-09-232-991A-3665	Sequence 3665, App
C 166	1.4	1334	4 US-09-270-767-12625	Sequence 12625, A
C 167	1.4	1336	3 US-09-766-174	Sequence 2, App1
C 168	1.4	1386	4 US-09-252-991A-1489	Sequence 1489, App
C 169	1.4	1398	4 US-09-270-767-29910	Sequence 29910, A
C 170	1.4	1535	4 US-09-270-767-11354	Sequence 11354, A
C 171	1.4	1639	4 US-09-489-039A-5714	Sequence 5714, App
C 172	1.4	1639	4 US-10-140-002-543	Sequence 317, App
C 173	1.4	1641	4 US-09-322-352-1458	Sequence 1458, App

RESULT 1
 US-09-513-999C-25546/C
 ; Sequence 25546, Application US/09513999C
 ; Patent No. 6783961
 ; GENERAL INFORMATION:
 ; APPLICANT: Dumas Milne Edwards, J.B.
 ; APPLICANT: Ductier, A.
 ; APPLICANT: Giordano, J.Y.
 ; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
 ; Patent No. 6783961
 FILE REFERENCE: 59.US2.REG
 CURRENT APPLICATION NUMBER: US/09/513,999C
 CURRENT FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/122,487

RESULT 2
 US-09-513-999C-25546
 ; Sequence 25546, Application US/09513999C
 ; Patent No. 6783961
 ; GENERAL INFORMATION:
 ; APPLICANT: Dumas Milne Edwards, J.B.
 ; APPLICANT: Jobert, S.
 ; APPLICANT: Giordano, J.Y.
 ; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
 ; FILE REFERENCE: GENSET 05/APR2
 CURRENT APPLICATION NUMBER: US/09/621,976
 CURRENT FILING DATE: 2000-07-21
 NUMBER OF SEQ ID NOS: 19335
 SOFTWARE: Patent.pm
 SEQ ID NO 10381
 LENGTH: 539

Query Match 1.7%; Score 20; DB 4; Length 539;
 Best Local Similarity 100.0%; Pred. No. 5.1;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 210 AGATCTCCAGGCGAGAG 229
 Db 221 AGATCTCCAGGCGAGAG 202

RESULT 3
 US-09-621-976-10381
 ; Sequence 10381, Application US/09621976
 ; Patent No. 6639063
 ; GENERAL INFORMATION:
 ; APPLICANT: Dumas Milne Edwards, J.B.
 ; APPLICANT: Jobert, S.
 ; APPLICANT: Giordano, J.Y.
 ; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
 ; FILE REFERENCE: GENSET 05/APR2
 CURRENT APPLICATION NUMBER: US/09/621,976
 CURRENT FILING DATE: 2000-07-21
 NUMBER OF SEQ ID NOS: 19335
 SOFTWARE: Patent.pm
 SEQ ID NO 10381
 LENGTH: 539

Query Match 1.7%; Score 20; DB 4; Length 539;
 Best Local Similarity 100.0%; Pred. No. 5.1;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 472 TGTGACCATGGAAAGGAGAGA 491
 Db 52 TGTGACCATGGAAAGGAGAGA 71

RESULT 4
 US-09-621-976-10381
 ; Sequence 10381, Application US/09621976
 ; Patent No. 6639063
 ; GENERAL INFORMATION:
 ; APPLICANT: Saliote, Scott P.
 ; TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING
 ; NUMBER OF SEQUENCES: 17
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Merck & Co., Inc.
 ; STREET: P.O. Box 2000, 126 E. Lincoln Ave.
 ; CITY: Rahway
 ; STATE: NJ
 ; COUNTRY: USA
 ; ZIP: 07065-0900
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/707,793A
 FILING DATE: 04-SEP-1996
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:

APPLICATION NUMBER:
 PILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Camara, Valerie J
 REGISTRATION NUMBER: 35,090
 REFERENCE/DOCKET NUMBER: 19494
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 908-594-3902
 TELEFAX: 908-594-4720
 TELEX:
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 675 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Genomic DNA
 US-08-707-793A-3:

Query Match 1.7%; Score 20; DB 1; Length 675;
 Best Local Similarity 100.0%; Pred. No. 5;
 Matches 20; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGAGAGC 766
 Db 443 CCTTCCTCATCCGGAGAGC 462

RESULT 5
 US-09-016-434-1452
 ; Sequence 1452, Application US/09016434
 ; Patent No. 6500918
 GENERAL INFORMATION:
 APPLICANT: Jeffrey J. Seilhamer
 TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
 PATHWAY GENE EXPRESSION
 NUMBER OF SEQUENCES: 14,900
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 STREET: 3174 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS 6.2
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/016,434
 REGISTRATION NUMBER: 37,071
 REFERENCE/DOCKET NUMBER: PA-0002 US
 FILING DATE: 09/01/2001
 CLASIFICATION:
 PRIORITY APPLICATION NUMBER:
 FILING DATE:
 CLASIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Zeiller, Karen J.
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/016,434
 REGISTRATION NUMBER: 37,071
 REFERENCE/DOCKET NUMBER: PA-0002 US
 FILING DATE: 09/01/2001
 CLASIFICATION:
 PRIORITY APPLICATION NUMBER:
 FILING DATE:
 CLASIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Camara, Valerie J
 REGISTRATION NUMBER: 35,090
 REFERENCE/DOCKET NUMBER: 19524
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 908-594-3902
 TELEFAX: 908-594-4720
 TELEX:
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 675 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Genomic DNA

RESULT 6
 US-09-751-389-3
 ; Sequence 3, Application US/09751389
 ; Patent No. 663034
 GENERAL INFORMATION:

APPLICANT: GUEGLER, Karl et al
 TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
 FILE REFERENCE: CLO:01067
 CURRENT APPLICATION NUMBER: US/09/751,389
 CURRENT FILING DATE: 2001-01-02
 NUMBER OF SEQ ID NOS: 8
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 3
 LENGTH: 786431
 TYPE: DNA
 ORGANISM: Human
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1) .(786431)
 OTHER INFORMATION: n = A, T, C or G
 US-09-751-389-3

Query Match 1.7%; Score 20; DB 4; Length 786431;
 Best Local Similarity 100.0%; Pred. No. 4.9;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 693 TGAGCAGGAGAAAGGGAG 712
 Db 412751 TGAGCAGGAGAAAGGGAG 412770

RESULT 7
 US-09-579-182-2
 Sequence 2, Application US/09579182
 GENERAL INFORMATION:
 APPLICANT: Robison, Keith E.
 TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE AND
 TITLE OF INVENTION: PHOSPHATASE HOMOLOGUES AND USES THEREFOR
 FILE REFERENCE: MN1-161
 CURRENT APPLICATION NUMBER: US/09/579,182
 CURRENT FILING DATE: 2000-05-25
 NUMBER OF SEQ ID NOS: 7
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 2
 LENGTH: 1467
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-579-182-2

Query Match 1.6%; Score 19; DB 4; Length 1467;
 Best Local Similarity 100.0%; Pred. No. 16;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 742 AGGGGCCTTCCTCATCGGG 760
 Db 423 AGGGGCCTTCCTCATCGGG 441

RESULT 8
 US-09-099-053-1
 Sequence 1, Application US/09099053
 Patent No. 6388063
 GENERAL INFORMATION:
 APPLICANT: Greg Plowman
 APPLICANT: Susan Onrust
 APPLICANT: David Markby
 APPLICANT: Sara Courtneidge
 TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF
 TITLE OF INVENTION: SAD RELATED DISORDERS
 NUMBER OF SEQUENCES: 28
 CORRESPONDENCE ADDRESS:
 ADDRESS: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles

STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FASTSEQ for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/099,053
 FILING DATE: Herewith
 CLASSIFICATION:
 PRIORITY DATA:
 PRIORITY NUMBER: 60/049,914
 FILING DATE: June 18, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 235/121
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-5110
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1548 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-099-053-1

Query Match 1.6%; Score 19; DB 3; Length 1548;
 Best Local Similarity 100.0%; Pred. No. 16;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 742 AGGGGCCTTCCTCATCGGG 760
 Db 471 AGGGGCCTTCCTCATCGGG 489

RESULT 9
 US-09-016-434-1101
 Sequence 1101, Application US/09016434
 GENERAL INFORMATION:
 APPLICANT: Janice Au-Young
 PATENT NO. 6500938
 TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
 TITLE OF INVENTION: PATHWAY GENE EXPRESSION
 NUMBER OF SEQUENCES: 1490
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 STREET: 3114 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/016,434
 FILING DATE: Herewith
 CLASSIFICATION:
 PRIORITY DATA:
 APPLICATION NUMBER:
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Zeller, Karen J.

REGISTRATION NUMBER: 37,071
 REFERENCE/DOCKET NUMBER: PA-0002 US
 TELECOMMUNICATION INFORMATION:
 TELEFAX: (650) 845-4166
 INFORMATION FOR SEQ ID NO: 11:01:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2771 base Pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: GENBANK
 CLONE: 91256002
 US-09-016-434-1101

Query Match 1.6%; Score 19; DB 4; Length 2771;
 Best Local Similarity 100.0%; Pred. No. 16;
 Matches 19; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 585 CTGAGGATGGAGCTGGTG 603
 Db 1305 CTGAGGATGGAGCTGGTG 1323

RESULT 10
 US-09-513-99C-32749
 Sequence 32749, Application US/09513999C
 Patent No. 6783961

GENERAL INFORMATION:
 APPLICANT: Dumas Milne Edwards, J.B.
 ATTORNEY: Duclert, A.
 APPLICANT: Giordano, J.Y.
 TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
 CURRENT APPLICATION NUMBER: US/09/513,999C
 FILE REFERENCE: 59.US2.REG
 CURRENT FILING DATE: 2000-02-24
 PRIOR FILING DATE: 1999-02-26
 NUMBER OF SEQ ID NOS: 36681
 SOFTWARE: Patent.pml
 SEQ ID NO: 32749
 LENGTH: 438
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE: misc_feature
 NAME/KEY: misc_feature
 LOCATION: 149
 OTHER INFORMATION: y=c or t
 FEATURE: misc_feature
 NAME/KEY: misc_feature
 LOCATION: 296
 OTHER INFORMATION: n=a, g, c or t
 US-09-513-99C-32749

Query Match 1.5%; Score 18; DB 4; Length 438;
 Best Local Similarity 100.0%; Pred. No. 49;
 Matches 18; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 696 GCAGGGAAAGCAGAGG 713
 Db 38 GCAGGGAAAGCAGAGG 55

RESULT 11
 US-09-270-767-2166/C
 Sequence 2166, Application US/09270767
 Patent No. 6703491

GENERAL INFORMATION:
 APPLICANT: Homburger et al.
 TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
 FILE REFERENCE: File Reference: 7326-094
 CURRENT APPLICATION NUMBER: US/09/270,767
 CURRENT FILING DATE: 1999-03-17
 NUMBER OF SEQ ID NOS: 62517
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 2166
 LENGTH: 768
 TYPE: DNA
 ORGANISM: Drosophila melanogaster
 US-09-270-767-2166

Query Match 1.5%; Score 18; DB 4; Length 768;
 Best Local Similarity 100.0%; Pred. No. 49;
 Matches 18; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 646 CAGCGTCCACGTGGCAA 663
 Db 187 CAGCGTCCACGTGGCAA 170

RESULT 12
 US-09-270-767-17448/C
 Sequence 17448, Application US/09270767
 Patent No. 6703491

GENERAL INFORMATION:
 APPLICANT: Homburger et al.
 TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
 FILE REFERENCE: File Reference: 7326-094
 CURRENT APPLICATION NUMBER: US/09/270,767
 CURRENT FILING DATE: 1999-03-17
 NUMBER OF SEQ ID NOS: 62517
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 17448
 LENGTH: 768
 TYPE: DNA
 ORGANISM: Drosophila melanogaster
 US-09-270-767-17448

Query Match 1.5%; Score 18; DB 4; Length 768;
 Best Local Similarity 100.0%; Pred. No. 49;
 Matches 18; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 646 CAGGTCCACGTGGCAA 663
 Db 187 CAGGTCCACGTGGCAA 170

RESULT 13
 US-09-774-528-216
 Sequence 216, Application US/09774528
 Patent No. 6743619

GENERAL INFORMATION:
 APPLICANT: Tang, Y. Tom
 ATTORNEY: Zhou, Ping
 APPLICANT: Goodrich, Ryle
 APPLICANT: Liu, Chenghua
 APPLICANT: Asundi, Vinod
 APPLICANT: Ren, Feiyan
 APPLICANT: Zhang, Jie
 APPLICANT: Zhao, Yonghong
 APPLICANT: Yang, Aidong J.
 APPLICANT: Wehrman, Tom
 APPLICANT: Wang, Jian-Rui
 APPLICANT: Wang, Dunrui
 APPLICANT: Drmanac, Radoje T.
 APPLICANT: No. 6743619el Nucleic Acids and
 TITLE OF INVENTION: Polypeptides
 FILE REFERENCE: 802
 CURRENT APPLICATION NUMBER: US/09/774,528

RESULT 14
 US-09-270-767-2166/C
 Sequence 2166, Application US/09270767
 Patent No. 6703491

CURRENT FILING DATE: 2001-01-30
 NUMBER OF SEQ ID NOS: 441
 SOFTWARE: pc_FL_genes Version 2.0
 SEQ ID NO: 216
 LENGTH: 1194
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (1)..(648)
 US-09-774-528-216

Query Match Score 1.5%; Score 18; DB 4; Length 1194;
 Best Local Similarity 100.0%; Pred. No. 49;
 Matches 18; Conservative 0; Mismatches 0; Indels 0;
 Gaps 0; Gaps 0;

Qy 541 GGCGAGCTGCTGCTGAG 558
 Db 111 GGCGAGCTGCTGCTGAG 128

RESULT 14
 US-09-187-331-4
 Sequence 4, Application US/09187331
 Patent No. 6043056
 GENERAL INFORMATION:
 APPLICANT: Yue, Henry
 APPLICANT: Corley, Neil C.
 APPLICANT: Guegler, Karl J.
 APPLICANT: Gorgone, Gina A.
 APPLICANT: Baughn, Mariah R.
 TITLE OF INVENTION: CELL SURFACE GLYCOPROTEINS
 FILE REFERENCE: PF-0631 US
 CURRENT APPLICATION NUMBER: US/09/187,331
 NUMBER OF SEQ ID NOS: 6
 CURRENT FILING DATE: 1998-11-06
 SEQ ID NO: 4
 SOFTWARE: PERL Program
 LENGTH: 1438

TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE: -
 OTHER INFORMATION: 2705267
 US-09-187-331-4

Query Match Score 1.5%; Score 18; DB 3; Length 1438;
 Best Local Similarity 100.0%; Pred. No. 49;
 Matches 18; Conservative 0; Mismatches 0; Indels 0;
 Gaps 0; Gaps 0;

Qy 1139 TACATCAGCTGAATGAC 1156
 Db 855 TACATCAGCTGAATGAC 872

RESULT 15
 US-09-470-946-4
 Sequence 4, Application US/09470946
 Patent No. 6358923
 GENERAL INFORMATION:
 APPLICANT: Yue, Henry
 APPLICANT: Corley, Neil C.
 APPLICANT: Guegler, Karl J.
 APPLICANT: Gorgone, Gina A.
 TITLE OF INVENTION: CELL SURFACE GLYCOPROTEINS
 FILE REFERENCE: PF-0631 US
 CURRENT APPLICATION NUMBER: US/09/470,946
 CURRENT FILING DATE: 1999-12-22
 EARLIER APPLICATION NUMBER: US 09/187,331
 EARLIER FILING DATE: 1998-11-06
 NUMBER OF SEQ ID NOS: 6
 SOFTWARE: PERL Program
 SEQ ID NO: 4

Query Match Score 1.5%; Score 18; DB 3; Length 1438;
 Best Local Similarity 100.0%; Pred. No. 49;
 Matches 18; Conservative 0; Mismatches 0; Indels 0;
 Gaps 0; Gaps 0;

Qy 1139 TACATCAGCTGAATGAC 1156
 Db 855 TACATCAGCTGAATGAC 872

RESULT 16
 US-09-318-448-8
 Sequence 8, Application US/09318448
 Patent No. 6210930
 GENERAL INFORMATION:
 APPLICANT: Johnson, William G.
 APPLICANT: Stenros, Edward S.
 TITLE OF INVENTION: METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
 DEVELOPMENTAL DISORDERS
 FILE REFERENCE: 601-1-057
 CURRENT APPLICATION NUMBER: US/09/318,448
 CURRENT FILING DATE: 1999-05-25
 NUMBER OF SEQ ID NOS: 46
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO: 8
 LENGTH: 1669
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-318-448-8

Query Match Score 1.5%; Score 18; DB 3; Length 1669;
 Best Local Similarity 100.0%; Pred. No. 48;
 Matches 18; Conservative 0; Mismatches 0; Indels 0;
 Gaps 0;

Qy 416 AGAAAGAAATCTCTCCCA 433
 Db 494 AGAAAGAAATCTCTCCCA 511

RESULT 17
 US-09-276-531-78-C
 Sequence 78, Application US/09276531
 Patent No. 6183368
 GENERAL INFORMATION:
 APPLICANT: Bandman, Olga
 APPLICANT: Lal, Preeti
 APPLICANT: Hillman, Jennifer L.
 APPLICANT: Rue, Henry
 APPLICANT: Reddy, Roopa
 APPLICANT: Guegler, Karl J.
 APPLICANT: Baughn, Mariah R.
 TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF GENES ENCODING
 RECEPTORS AND PROTEINS ASSOCIATED WITH CELL PROLIFERATION
 NUMBER OF SEQUENCES: 134
 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 STREET: 3174 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CURRENT APPLICATION DATA:

Query Match 1.5%; Score 18; DB 4; Length 70000;
 Best Local Similarity 100.0%; Pred. No. 48;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 455 GTCCAAGGCCAGGACT 472
 Db 60708 GTCCAAGGCCAGGACT 60725

RESULT 21
 US-09-046-479-1/c
 ; Sequence 1, Application US/09046479
 ; Patent No. 6291653
 ; GENERAL INFORMATION:
 ; APPLICANT: Sheppard, Paul O.
 ; TITLE OF INVENTION: MOTILIN HOMOLOGS
 ; GENERAL INFORMATION:
 ; APPLICANT: Sheppard, Paul O.
 ; TITLE OF INVENTION: MOTILIN HOMOLOGS
 ; PATENT NO.: 6291653
 ; NUMBER OF SEQUENCES: 7
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: ZymoGenetics, Inc.
 ; STREET: 1201 Eastlake Avenue East
 ; CITY: Seattle
 ; STATE: WA
 ; ZIP: 98102
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FASTSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/046,479
 ; FILING DATE:
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Sawislak, Deborah A.
 ; REGISTRATION NUMBER: 37,438
 ; REFERENCE/DOCKET NUMBER: 97-04
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 206-442-6672
 ; TELEFAX: 206-442-6678
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 351 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; FEATURE:
 ; NAME/KEY: Coding Sequence
 ; LOCATION: 1..351
 ; OTHER INFORMATION:
 ; NAME/KEY: sig_peptide
 ; LOCATION: 1..69
 ; OTHER INFORMATION:
 ; NAME/KEY: mat_peptide
 ; LOCATION: 70..351
 ; OTHER INFORMATION:
 ; NAME/KEY: sig_peptide
 ; LOCATION: 1..69
 ; OTHER INFORMATION:
 ; NAME/KEY: mat_peptide
 ; LOCATION: 70..351
 ; OTHER INFORMATION:

RESULT 22
 US-09-822-897C-1/c
 ; Sequence 1, Application US/08822897C
 ; Patent No. 6380158
 ; GENERAL INFORMATION:
 ; APPLICANT: Deisher, Theresa A.
 ; TITLE OF INVENTION: MOTILIN HOMOLOGS
 ; NUMBER OF SEQUENCES: 7
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: ZymoGenetics, Inc.
 ; STREET: 1201 Eastlake Avenue East
 ; CITY: Seattle
 ; STATE: WA
 ; COUNTRY: USA
 ; ZIP: 98102
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FASTSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/822,897C
 ; FILING DATE:
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Sawislak, Deborah A.
 ; REGISTRATION NUMBER: 37,438
 ; REFERENCE/DOCKET NUMBER: 97-04
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 206-442-6672
 ; TELEFAX: 206-442-6678
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 351 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; FEATURE:
 ; NAME/KEY: Coding Sequence
 ; LOCATION: 1..351
 ; OTHER INFORMATION:
 ; NAME/KEY: sig_peptide
 ; LOCATION: 1..69
 ; OTHER INFORMATION:
 ; NAME/KEY: mat_peptide
 ; LOCATION: 70..351
 ; OTHER INFORMATION:
 ; NAME/KEY: sig_peptide
 ; LOCATION: 1..69
 ; OTHER INFORMATION:
 ; NAME/KEY: mat_peptide
 ; LOCATION: 70..351
 ; OTHER INFORMATION:

Query Match 1.4%; Score 17; DB 3; Length 351;
 Best Local Similarity 100.0%; Pred. No. 1..5e-02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 296 GTCCAGCCAGGCATCC 312
 Db 57 GTCCAGCCAGGCATCC 41

RESULT 23
 US-09-608-810A-3/c
 ; Sequence 3, Application US/09608810A
 ; Patent No. 6420511
 ; GENERAL INFORMATION:
 ; APPLICANT: Sheppard, Paul O.
 ; TITLE OF INVENTION: MOTILIN HOMOLOGS
 ; NUMBER OF SEQUENCES: 7
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: ZymoGenetics, Inc.
 ; STREET: 1201 Eastlake Avenue East
 ; CITY: Seattle
 ; STATE: WA
 ; COUNTRY: USA
 ; ZIP: 98102
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FASTSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/608810A
 ; FILING DATE:
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Sawislak, Deborah A.
 ; REGISTRATION NUMBER: 37,438
 ; REFERENCE/DOCKET NUMBER: 97-04
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 206-442-6672
 ; TELEFAX: 206-442-6678
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 351 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; FEATURE:
 ; NAME/KEY: Coding Sequence
 ; LOCATION: 1..351
 ; OTHER INFORMATION:
 ; NAME/KEY: sig_peptide
 ; LOCATION: 1..69
 ; OTHER INFORMATION:
 ; NAME/KEY: mat_peptide
 ; LOCATION: 70..351
 ; OTHER INFORMATION:
 ; NAME/KEY: sig_peptide
 ; LOCATION: 1..69
 ; OTHER INFORMATION:
 ; NAME/KEY: mat_peptide
 ; LOCATION: 70..351
 ; OTHER INFORMATION:

APPLICANT: Bishop, Paul D.
 TITLE OF INVENTION: SGFP PEPTIDES
 FILE REFERENCE: 99-51
 CURRENT APPLICATION NUMBER: US/09/608,810A
 CURRENT FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: 60/141,592
 PRIOR FILING DATE:
 NUMBER OF SEQ ID NOS: 7
 SOFTWARE: FASTSEQ for Windows Version 3.0
 SEQ ID NO 3
 LENGTH: 351
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE: CDS
 NAME/KEY: (1) ... (351)
 LOCATION: sig_peptide
 LOCATION: (1) ... (69)
 NAME/KEY: mat_Peptide
 LOCATION: (70) ... (351)
 US-09-608-810A-3

RESULT 24
 Query Match 1.4%; Score 17; DB 4; Length 351;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 296 GTCCAGCCAGGCATGC 312
 Db 57 GTCCAGCCAGGCATGC 41

FILE REFERENCE: 97-041A-1/c
 SEQUENCE 1, Application US/0940417A
 PATENT NO. 662729
 GENERAL INFORMATION:
 APPLICANT: Sheppard, Paul O.
 APPLICANT: Deisher, Theresa A.
 APPLICANT: Jasper, Stephen R.
 TITLE OF INVENTION: TML PEPTRIDES
 CURRENT APPLICATION NUMBER: US/09/404,417A
 CURRENT FILING DATE: 1999-09-23
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: FASTSEQ for Windows Version 3.0
 SEQ ID NO 1
 LENGTH: 351
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (1) ... (351)
 US-09-0404-417A-1

Query Match 1.4%; Score 17; DB 4; Length 351;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 296 GTCCAGCCAGGCATGC 312
 Db 57 GTCCAGCCAGGCATGC 41

RESULT 25
 Query Match 1.4%; Score 17; DB 3; Length 439;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 750 TCTCATCCGGAGAGGC 766

Db 80 TCCTCATCGGAGAC 96

RESULT 27
US-09-389-681-172
Sequence 172, Application US/09389681A
Patent No. 6518237
GENERAL INFORMATION:
APPLICANT: Yuqui, Jiang
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121_470C3
CURRENT APPLICATION NUMBER: US/09/389,681A
CURRENT FILING DATE: 1999-09-02
NUMBER OF SEQ ID NOS: 463
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 172
LENGTH: 439
TYPE: DNA
ORGANISM: Homo sapien
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1) ..(439)
OTHER INFORMATION: n = A,T,C or G
US-09-389-681-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 750 TCCTCATCGGAGAC 766
Db 80 TCCTCATCGGAGAC 96

RESULT 28
US-09-620-405B-172
Sequence 172, Application US/09620405B
Patent No. 6528054
GENERAL INFORMATION:
APPLICANT: Jiang, Yuguil
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Hepler, William T.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF BREAST CANCER
FILE REFERENCE: 210121_470C8
CURRENT APPLICATION NUMBER: US/09/620,405B
CURRENT FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 495
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 172
LENGTH: 172
TYPE: DNA
ORGANISM: Homo sapien
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1) ..(439)
OTHER INFORMATION: n = A,T,C or G
US-09-620-405B-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 750 TCCTCATCGGAGAC 766
Db 80 TCCTCATCGGAGAC 96

RESULT 29
US-09-339-338-172
Sequence 172, Application US/09339338A
Patent No. 6573368
GENERAL INFORMATION:
APPLICANT: Yuqui, Jiang
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121_470C2
CURRENT APPLICATION NUMBER: US/09/339,338A
CURRENT FILING DATE: 1999-06-23
NUMBER OF SEQ ID NOS: 315
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 172
LENGTH: 439
TYPE: DNA
ORGANISM: Homo sapien
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1) ..(439)
OTHER INFORMATION: n = A,T,C or G
US-09-339-338-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 750 TCCTCATCGGAGAC 766
Db 80 TCCTCATCGGAGAC 96

RESULT 30
US-09-433-826B-172
Sequence 172, Application US/09433826B
Patent No. 6579973
GENERAL INFORMATION:
APPLICANT: Jiang, Yuguil
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121_470C4
CURRENT APPLICATION NUMBER: US/09/433,826B
CURRENT FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 474
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 172
LENGTH: 439
TYPE: DNA
ORGANISM: Homo sapien
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1) ..(439)
OTHER INFORMATION: n = A,T,C or G
US-09-433-826B-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 750 TCCTCATCGGAGAC 766
Db 80 TCCTCATCGGAGAC 96

RESULT 33
US-09-604-287A-172 Application US/09604287A
; Sequence 172, Application US/09604287A
; GENERAL INFORMATION:
; Patent No. 6586572 ;
; APPLICANT: Jiang, Yuqiu ;
; APPLICANT: Mitcham, Davin C. ;
; APPLICANT: Dillon, Davin C. ;
; APPLICANT: Jiangchun, Xu, J. ;
; APPLICANT: Harlocker, Susan L. ;
; APPLICANT: Heppler, William T. ;
; APPLICANT: Henderson, Robert A. ;
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER ;
; FILE REFERENCE: 210121.470C9 ;
; CURRENT APPLICATION NUMBER: US/09/604,287A ;
; CURRENT FILING DATE: 2000-06-22 ;
; NUMBER OF SEQ ID NOS: 489 ;
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO: 172 ;
; LENGTH: 439 ;
; TYPE: DNA ;
; ORGANISM: Homo sapien ;
; FEATURE:
; NAME/KEY: misc_feature ;
; LOCATION: (1)...(439) ;
; OTHER INFORMATION: n = A,T,C or G
US-09-604-287A-172 Query Match Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.Se+02; Mismatches 0; Indels 0; Gaps 0;
Matches 17; Conservative 0; Other Information: n = A,T,C or G
Qy 750 TCCTCATCGGGAGAGC 766
Db 80 TCCTCATCGGGAGAGC 96

RESULT 34
US-09-590-751A-172 Application US/09590751A
; Sequence 172, Application US/09590751A
; Patent No. 6755477 ;
; GENERAL INFORMATION:
; APPLICANT: Yuqui, Jiang ;
; APPLICANT: Mitcham, Davin C. ;
; APPLICANT: Dillon, Davin C. ;
; APPLICANT: Jiangchun, Xu, J. ;
; APPLICANT: Harlocker, Susan L. ;
; TITLE OF INVENTION: COMPOSITIONS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER ;
; FILE REFERENCE: 210121.470C6 ;
; CURRENT APPLICATION NUMBER: US/09/590,751A ;
; CURRENT FILING DATE: 2000-06-08 ;
; NUMBER OF SEQ ID NOS: 479 ;
; SOFTWARE: PasteSEQ for Windows Version 3.0
; SEQ ID NO: 172 ;
; LENGTH: 439 ;
; TYPE: DNA ;
; ORGANISM: Homo sapien ;
; FEATURE:
; NAME/KEY: misc_feature ;
; LOCATION: (1)...(439) ;
; OTHER INFORMATION: n = A,T,C or G
US-09-590-751A-172 Query Match Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 17; Conservative 0; Other Information: n = A,T,C or G
Qy 750 TCCTCATCGGGAGAGC 766
Db 80 TCCTCATCGGGAGAGC 96

RESULT 35
US-09-702-705-1598
Sequence 1598, Application US/09702705
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedwick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C14
CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO: 1598
LENGTH: 445
TYPE: DNA
ORGANISM: Homo sapiens
US-09-702-705-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCGGAGAGC 766
Db 59 TCCTCATCGGAGAGC 75

RESULT 36
US-09-736-457-1598
Sequence 1598, Application US/09736457
GENERAL INFORMATION:
Patent No. 6509448
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedwick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C15
CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO: 1598
LENGTH: 445
TYPE: DNA
ORGANISM: Homo sapiens
US-09-736-457-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCGGAGAGC 766
Db 59 TCCTCATCGGAGAGC 75

RESULT 37
US-09-614-124B-1598
Sequence 1598, Application US/09614124B
Patent No. 6530574
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedwick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C9
CURRENT APPLICATION NUMBER: US/09/614,124B
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO: 1598
LENGTH: 445
TYPE: DNA
ORGANISM: Homo sapiens
US-09-614-124B-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCGGAGAGC 766
Db 59 TCCTCATCGGAGAGC 75

RESULT 38
US-09-671-325-1598
Sequence 1598, Application US/09671325
Patent No. 6667154
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedwick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C12
CURRENT APPLICATION NUMBER: US/09/671,325
CURRENT FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1855
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO: 1598
LENGTH: 445
TYPE: DNA
ORGANISM: Homo sapiens
US-09-671-325-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCGGAGAGC 766
Db 59 TCCTCATCGGAGAGC 75

RESULT 39

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US-09-658-824-1598 Application US/09658824
; Sequence 1598, Application US/09658824
; Patent No. 6746646
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongrong
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Lodes, Michael A.
; APPLICANT: Fanger, Gary
; APPLICANT: Vevick, Tom
; APPLICANT: Carter, Darrick
; APPLICANT: Reitter, Marc
; APPLICANT: Marinon, Jane
; APPLICANT: Fan, Li-qun
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 2:10121..47BC1
; CURRENT APPLICATION NUMBER: US/09/658..824
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 1788
; SOFTWARE: Fast-SEQ for Windows Version 3.0
; SEQ ID NO: 1598
; LENGTH: 445
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-658-824-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGAAAGC 766
Db 59 TCCTCATCCGGAAAGC 75

RESULT 40
US-09-220-132-10
; Sequence 10, Application US/09220132
; Patent No. 6506607
; GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE IDENTIFICATION AND ASSESSMENT
; TITLE OF INVENTION: PROSTATE CANCER THERAPIES AND THE DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: 07334..074601
; CURRENT APPLICATION NUMBER: US/09/220,132
; CURRENT FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: US 60/079,303
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: US 60/066,821
; PRIOR FILING DATE: 1997-12-24
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO: 10
; LENGTH: 541
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(541)
; OTHER INFORMATION: n = A,T,C or G
US-09-220-132-10

Query Match 1.4%; Score 17; DB 4; Length 541;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGAAAGC 766
Db 395 TCCTCATCCGGAAAGC 411

RESULT 41
US-09-658-976-1574

```

TITLE OF INVENTION: PATHWAY GENE EXPRESSION
 NUMBER OF SEQUENCES: 1490
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 STREET: 3174 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94304

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/016,434
 FILING DATE: HEREWITH
 CLASSIFICATION:
 APPLICATION NUMBER:
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Zeller, Karen J.
 REGISTRATION NUMBER: 37,071
 REFERENCE/DOCKET NUMBER: PA-0002 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 855-0555
 TELEFAX: (650) 845-4166
 INFORMATION FOR SEQ ID NO: 1255:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 651 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: GENBANK
 CLONE: 9190878

US-09-016-434-1255

Query Match 1.4%; Score 17; DB 4; Length 651;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCGGAGAGC 766
 Db 638 TCCTCATCGGAGAGC 622

RESULT 44
 US-10-140-002-441/C
 Patent No. 6725730
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C59
 CURRENT APPLICATION NUMBER: US/10/140,002
 CURRENT FILING DATE: 2002-05-06
 Prior Application removed - See Palm or File Wrapper
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 441
 LENGTH: 654
 TYPE: DNA
 ORGANISM: Homo sapien
 US-10-140-002-441

Query Match 1.4%; Score 17; DB 4; Length 654;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 296 GTCCAGGCCAGGATGC 312
 Db 232 GTCCAGGCCAGGATGC 216

RESULT 45
 US-09-621-976-87
 Sequence 87, Application US/09621976
 Patent No. 6639063
 GENERAL INFORMATION:
 APPLICANT: Dumas Milne Edwards, J.B.
 APPLICANT: Jobert, S.
 APPLICANT: Giordano, J.Y.
 TITLE OF INVENTION: ESTs and Encoded Human Proteins.
 FILE REFERENCE: GENSET-05-PR2
 CURRENT APPLICATION NUMBER: US/09/621,976
 CURRENT FILING DATE: 2000-07-21
 NUMBER OF SEQ ID NOS: 19335
 SOFTWARE: Patent.pm
 SEQ ID NO 87
 LENGTH: 674
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 221..673
 NAME/KEY: sig_peptide
 LOCATION: 221..268
 OTHER INFORMATION: Von Heijne matrix
 OTHER INFORMATION: score 7.3000001073486
 OTHER INFORMATION: seq FLLTCLFLITGTS/VS
 US-09-621-976-87

Query Match 1.4%; Score 17; DB 4; Length 674;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1139 TACATCAGCTGTGAATGA 1155
 Db 302 TACATCAGCTGTGAATGA 318

RESULT 46
 US-09-489-039A-5493
 Sequence 5493, Application US/09489039A
 Patent No. 6610836
 GENERAL INFORMATION:
 APPLICANT: Gary Breton et. al.
 TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
 FILE REFERENCE: 2709-2004001
 CURRENT APPLICATION NUMBER: US/09/489,039A
 CURRENT FILING DATE: 2000-01-27
 PRIOR APPLICATION NUMBER: US 60/117,747
 PRIOR FILING DATE: 1999-01-29
 NUMBER OF SEQ ID NOS: 14342
 SEQ ID NO 5493
 LENGTH: 759

TYPE: DNA
 ORGANISM: Klebsiella pneumoniae
 US-09-489-09A-5493

Query Match 1.4%; Score 17; DB 4; Length 759;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 542 GCCAAGCTTCGCTGAG 558
 Db 676 GCCAAGCTTCGCTGAG 692

RESULT 49
 US-09-434-354-1
 Sequence 1, Application US/09434354
 Patent No. 6562563

GENERAL INFORMATION:
 APPLICANT: Murphy, Anne N.
 APPLICANT: Cleverger, William
 APPLICANT: Wiley, Sandra Eileen
 APPLICANT: Frigeri, Luciano G.
 APPLICANT: Velicelbi, Gonul
 APPLICANT: Davis, Robert E.

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
 INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
 IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS

FILE REFERENCE: 660088.433
 CURRENT APPLICATION NUMBER: US/09/434,354
 CURRENT FILING DATE: 1999-11-03
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 1
 LENGTH: 894
 TYPE: DNA
 ORGANISM: Homo sapien
 US-09-434-354-1

Query Match 1.4%; Score 17; DB 4; Length 894;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 106 AGAATCCCTAACGAGCA 122
 Db 178 AGAATCCCTAACGAGCA 194

RESULT 49
 US-09-634-238-89/C
 Sequence 89, Application US/09634238
 Patent No. 6544772

GENERAL INFORMATION:
 APPLICANT: Glenn, Matthew
 APPLICANT: Havukka, Ilkka J.
 APPLICANT: Bloesberg, Leonard N.
 APPLICANT: Lubbers, Mark W.
 APPLICANT: Dekker, James
 APPLICANT: Christenson, Anna C.
 APPLICANT: Holland, Ross
 APPLICANT: O'Toole, Paul W.
 APPLICANT: Reid, Julian R.
 APPLICANT: Colleary, Timothy
 APPLICANT: Reid, Julian R.

TITLE OF INVENTION: Polynucleotides, materials incorporating
 them and methods for using them.

FILE REFERENCE: 11000-1043U1
 CURRENT APPLICATION NUMBER: US/09/634,238
 CURRENT FILING DATE: 2000-08-08
 NUMBER OF SEQ ID NOS: 422
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 89

LENGTH: 941
 TYPE: DNA
 ORGANISM: Lactobacillus rhamnosus
 US-09-634-238-89

Query Match 1.4%; Score 17; DB 4; Length 941;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 888 TCACTTCCCTCACTC 904
 Db 916 TCACTTCCCTCACTC 900

RESULT 50
 US-08-154-915-1
 Sequence 1, Application US/08154915
 Patent No. 5618669

GENERAL INFORMATION:
 APPLICANT: Beach, David
 APPLICANT: Xiong, Yue
 TITLE OF INVENTION: Cyclin Complex Rearrangement and Uses
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHIVE & COCKFIELD
 STREET: 60 State Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: ASCII (text);
 CURRENT APPLICATION NUMBER: US/08/154,915
 FILING DATE: 19-NOV-1993
 CLASSIFICATION: 435

Query Match 1.4%; Score 17; DB 4; Length 941;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 106 AGAATCCCTAACGAGCA 122
 Db 178 AGAATCCCTAACGAGCA 194

RESULT 48
 US-09-709-785-1
 Sequence 1, Application US/0909785
 Patent No. 679467

GENERAL INFORMATION:
 APPLICANT: Murphy, Anne N.
 APPLICANT: Cleverger, William
 APPLICANT: Wiley, Sandra Eileen
 APPLICANT: Frigeri, Luciano G.
 APPLICANT: Velicelbi, Gonul
 APPLICANT: Davis, Robert E.

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
 INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
 IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS

FILE REFERENCE: 660088.433C1
 CURRENT APPLICATION NUMBER: US/09/709,785
 CURRENT FILING DATE: 2002-09-16
 NUMBER OF SEQ ID NOS: 57
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 1
 LENGTH: 894
 TYPE: DNA
 ORGANISM: Homo sapien
 US-09-709-785-1

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/991,997
 FILING DATE: 17-DEC-1993

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/963,308
 FILING DATE: 16-OCT-1993

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/888,178
 FILING DATE: 26-MAY-1993

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/701,514
 FILING DATE: 16-MAY-1993

ATTORNEY/AGENT INFORMATION:
 NAME: Vincent, Matthew P.
 REGISTRATION NUMBER: 36,709
 REFESSIONAL NUMBER: MIT-026
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 227-7400
 TELEFAX: (617) 227-5941
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1089 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 13..888
 US-08-154-915-1

Query Match 1.4%; Score 17; DB 1; Length 1089;
 Best Local Similarity 100.0%; Pred. No. 1.5e-02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 CTGCCCTACTCAAGGAGC 965
 Db 168 CTGCCCTACTCAAGGAGC 184

RESULT 51
 US-08-464-517-37
 Sequence 37, Application US/08464517
 / Patent No. 5869640
 / GENERAL INFORMATION:
 / APPLICANT: BEACH, David H.
 / TITLE OF INVENTION: D-TYPE CYCLIN AND USES RELATED THERETO
 / NUMBER OF SEQUENCES: 50
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: LAHIVE & COCKFIELD
 / STREET: 60 State Street
 / CITY: Boston
 / STATE: MA
 / COUNTRY: USA
 / ZIP: 02109
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: ASCII (text)
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/246,361A
 / FILING DATE: 19-MAY-1994
 / CLASSIFICATION: 435
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 07/963,308
 / FILING DATE: 16-OCT-1992
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 07/888,178
 / FILING DATE: 26-MAY-1992
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 07/963,308
 / FILING DATE: 16-MAY-1991
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Matthew P. Vincent
 / REGISTRATION NUMBER: 36,709
 / REFERENCE/DOCKET NUMBER: MIT-004C
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (617) 227-7400
 / TELEFAX: (617) 227-5941
 / INFORMATION FOR SEQ ID NO: 37:
 / SEQUENCE CHARACTERISTICS:
 LENGTH: 1089 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear

NAME: Matthew P. Vincent
 REGISTRATION NUMBER: 36,709
 REFERENCE/DOCKET NUMBER: MIT-004C
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 227-7400
 TELEFAX: (617) 227-5941
 INFORMATION FOR SEQ ID NO: 37:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1089 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 13..888
 US-08-464-517-37
 Query Match 1.4%; Score 17; DB 2; Length 1089;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 CTGCCCTACTCAAGGAGC 965
 Db 168 CTGCCCTACTCAAGGAGC 184

RESULT 52
 US-08-246-361A-37
 Sequence 37, Application US/08246361A
 / Patent No. 5998582
 / GENERAL INFORMATION:
 / APPLICANT: BEACH, David H.
 / TITLE OF INVENTION: D-TYPE CYCLIN AND USES RELATED THERETO
 / NUMBER OF SEQUENCES: 50
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: LAHIVE & COCKFIELD
 / STREET: 60 State Street
 / CITY: Boston
 / STATE: MA
 / COUNTRY: USA
 / ZIP: 02109
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: ASCII (text)
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/246,361A
 / FILING DATE: 19-MAY-1994
 / CLASSIFICATION: 435
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 07/963,308
 / FILING DATE: 16-OCT-1992
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 07/888,178
 / FILING DATE: 26-MAY-1992
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 07/963,308
 / FILING DATE: 16-MAY-1991
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Matthew P. Vincent
 / REGISTRATION NUMBER: 36,709
 / REFERENCE/DOCKET NUMBER: MIT-004C
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (617) 227-7400
 / TELEFAX: (617) 227-5941
 / INFORMATION FOR SEQ ID NO: 37:
 / SEQUENCE CHARACTERISTICS:
 LENGTH: 1089 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear

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; MOLECULE TYPE: DNA (genomic)
; FEATURE: CDS
; NAME/KEY: CDS
; LOCATION: 13 .. 888
US-08-246-361A-37

Query Match 1.4%; Score 17; DB 2; Length 1089;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 CTGCCTACTCAAGGAGC 965
Db 168 CTGCCTACTCAAGGAGC 184

RESULT 53
US-08-463-772-37
; Sequence 37, Application US/08463772
; Patent No. 606651
; GENERAL INFORMATION:
; APPLICANT: BEACH, David H.
; TITLE OF INVENTION: D-TYPE CYCLIN AND USES RELATED THERETO
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVI & COCKFIELD
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII (text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/463,772
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/963,308
; FILING DATE: 16-OCT-1992
; APPLICATION NUMBER: US 07/888,178
; FILING DATE: 26-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/701,514
; FILING DATE: 16-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Matthew P. Vincent
; REGISTRATION NUMBER: 36,709
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 37:
; LENGTH: 1089 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 13 .. 888
US-08-463-772-37

Query Match 1.4%; Score 17; DB 3; Length 1089;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 CTGCCTACTCAAGGAGC 965
Db 168 CTGCCTACTCAAGGAGC 184

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Query Match 1.4%; Score 17; DB 4; Length 1566;
 Best Local Similarity 100.0%; Pred. No. 1.5e-02;
 Matches 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 56
 US-09-566-921-66
 Sequence 66, Application US/09566921
 GENERAL INFORMATION:
 APPLICANT: Loring, Jeanne F.
 APPLICANT: Tingley, Debora W.
 APPLICANT: Edwards, Carla M.
 TITLE OF INVENTION: GENES EXPRESSED IN ALZHEIMER'S DISEASE
 FILE REFERENCE: PA-0024 US
 CURRENT APPLICATION NUMBER: US/09/566,921
 CURRENT FILING DATE: 2000-05-05
 SEQ ID NOS: 138
 SOFTWARE: PERL Program
 SEQ ID NO: 66
 LENGTH: 1747
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 OTHER INFORMATION: Incyte ID No. 6682888 244561.6
 US-09-566-921-66

Query Match 1.4%; Score 17; DB 4; Length 1747;
 Best Local Similarity 100.0%; Pred. No. 1.5e-02;
 Matches 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 57
 US-08-765-889C-1
 Sequence 1, Application US/08765889C
 Patent No. 6136572
 GENERAL INFORMATION:
 APPLICANT: BENATTI, Luca
 APPLICANT: BRETON, Jerome
 APPLICANT: SPECIALI, Carmela
 APPLICANT: OKONO, Etsuo
 APPLICANT: SCHWARCZ, Robert
 APPLICANT: MOSCA, Monica
 TITLE OF INVENTION: RECOMBINANT KAT ENZYME AND
 TITLE OF INVENTION: PROCESS FOR ITS PREPARATION
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESS: SUGHRUE, MION, ZINN, MACPEAK & SEAS
 STREET: 2100 PENNSYLVANIA AVENUE, N.W.
 CITY: WASHINGTON
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20037
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/07855
 FILING DATE: 23-JUN-1995
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 293-7060
 TELEFAX: (202) 293-7860
 TELEX: 6491103
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1748 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-08-765-889C-1

Query Match 1.4%; Score 17; DB 5; Length 1748;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 58
 PCT-US95-07855-1
 Sequence 1, Application PC/TUS9507855
 GENERAL INFORMATION:
 APPLICANT: BENATTI, Luca
 APPLICANT: BRETON, Jerome
 APPLICANT: SPECIALI, Carmela
 APPLICANT: OKONO, Etsuo
 APPLICANT: SCHWARCZ, Robert
 APPLICANT: MOSCA, Monica
 TITLE OF INVENTION: RECOMBINANT KAT ENZYME AND
 TITLE OF INVENTION: PROCESS FOR ITS PREPARATION
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESS: SUGHRUE, MION, ZINN, MACPEAK & SEAS
 STREET: 2100 PENNSYLVANIA AVENUE, N.W.
 CITY: WASHINGTON
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20037
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/07855
 FILING DATE: 23-JUN-1995
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 293-7060
 TELEFAX: (202) 293-7860
 TELEX: 6491103
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1748 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 PCT-US95-07855-1

Query Match 1.4%; Score 17; DB 5; Length 1748;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 903 TCCAGGCCCTGGGAC 919
 Db 345 TCCAGGCCCTGGGAC 361

RESULT 59
 US-09-252-991A-6975
 Sequence 6775; Application US/09252991A
 Patent No. 6551295
 GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenstein et al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 FILE REFERENCE: 107196.136
 CURRENT APPLICATION NUMBER: US/09/252,991A
 CURRENT FILING DATE: 1999-02-18
 PRIOR APPLICATION NUMBER: US 60/074,788
 PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO: 6727
 LENGTH: 2118
 TYPE: DNA
 ORGANISM: Pseudomonas aeruginosa
 US-09-252-991A-6727

Query Match 1.4%; Score 17; DB 4; Length 2118;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 692 CTGAGCAGGGAAAGC 708
 Db 642 CTGAGCAGGGAAAGC 626

RESULT 62
 US-08-755-559-2/c
 Sequence 2; Application US/08755559
 Patent No. 5912142
 GENERAL INFORMATION:
 APPLICANT: KAUFMAN, RUSSEL E.
 APPLICANT: SLENTZ-KESLER, KIMBERLY
 TITLE OF INVENTION: GENE PRODUCT OVER EXPRESSED IN CANCER
 TITLE OF INVENTION: CELLS
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: NIXON & VANDERHYE P.C.
 STREET: 110 NORTH GLEBE ROAD, 8TH FLOOR
 CITY: ARLINGTON
 STATE: VIRGINIA
 COUNTRY: U.S.A.
 ZIP: 22201-4714
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION NUMBER: US/08/755,559
 APPLICATION NUMBER: US/08/755,559
 FILING DATE: 22-NOV-1996
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: WILSON, MARY J.
 REGISTRATION NUMBER: 32,955
 REFERENCE/DOCKET NUMBER: 1579-116
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 816-4000
 TELEFAX: (703) 816-4100
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2180 base pairs
 TYPE: nucleic acid
 SPANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-755-559-2

Query Match 1.4%; Score 17; DB 4; Length 2000;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 272 GAAGGCCCAAGCC 288
 Db 1336 GAAGGCCCAAGCC 1320

RESULT 61
 US-09-252-991A-6727/c

APPLICATION NUMBER: U.S. 60/063,898
 FILING DATE: 31-OCT-1997

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 9426-005-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)7909090

TELEFAX: (212)8639741

SEQUENCE CHARACTERISTICS:

LENGTH: 2874 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: Other

US-09-179-58-54

Query Match 1.4%; Score 17; DB 3; Length 2874;

Best Local Similarity 100.0%; Pred. No. 1.5e+02;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCGCCAGCAGAG 420

Db 781 AGTCGCCAGCAGAG 797

RESULT 71

US-09-722-487-54

Sequence 54, Application US/09722487

Patent No. 6537731

GENERAL INFORMATION:

APPLICANT: Hockensmith, Joel W.

Muthuswami, Rohini

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TARGETING DNA METABOLIC PROCESSES USING

NUMBER OF SEQUENCES: 66

CORRESPONDENCE ADDRESS:

ADDRESSEE: PENNIE & EDMONDS LLP

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: NY

COUNTRY: USA

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/722,487

FILING DATE: 28-No. 6537791-2000

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/179,558

FILING DATE: <Unknown>

APPLICATION NUMBER: U.S. 60/063,898

FILING DATE: 31-OCT-1997

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 9426-005-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)7909090

TELEFAX: (212)699741

INFORMATION FOR SEQ ID NO: 54:

SEQUENCE CHARACTERISTICS:

LENGTH: 2874 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: Other

SEQUENCE DESCRIPTION: SEQ ID NO: 54:

US-09-722-487-54

Query Match 1.4%; Score 17; DB 4; Length 2874;

Best Local Similarity 100.0%; Pred. No. 1.5e+02;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCGCCAGCAGAG 420

Db 781 AGTCGCCAGCAGAG 797

RESULT 72
 US-09-722-708-54
 Sequence 54, Application US/09722708
 Patent No. 6573060
 GENERAL INFORMATION:
 APPLICANT: Hockensmith, Joel W.
 Muthuswami, Rohini
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TARGETING DNA METABOLIC PROCESSES USING
 AMINOGLYCOSIDE DERIVATIVES

NUMBER OF SEQUENCES: 66
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: PENNIE & EDMONDS LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: NY
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 COMPUTER: IBM Compatible
 MEDIUM TYPE: Diskette
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/722-708
 FILING DATE: 28-NO-6573060-2000
 CLASSIFICATION: <Unknown>
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 09/179,558
 FILING DATE: <Unknown>
 PRIORITY APPLICATION NUMBER: U.S. 60/063,898
 FILING DATE: 31-OCT-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Corruzi, Laura A.
 REGISTRATION NUMBER: 30,742
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)7909090
 TELEX: (212)8659741
 FAX: (212)8659741
 INFORMATION FOR SEQ ID NO: 54:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2874 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: Other
 SEQUENCE DESCRIPTION: SEQ ID NO: 54:

US-09-722-708-54
 Query Match 1.4%; Score 17; DB 4; Length 2874;
 Best Local Similarity 100.0%; Pred. No. 1.5e-02; Indels 0; Gaps 0;

Qy 404 AGTCTGCCAGCGAAG 420
 Db 781 AGTCTGCCAGCGAAG 797

RESULT 73
 US-09-179-558-61
 Sequence 61, Application US/09179558
 Patent No. 6180612
 GENERAL INFORMATION:
 APPLICANT: Hockensmith, Joel W.
 Muthuswami, Rohini
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TARGETING DNA METABOLIC PROCESSES USING
 AMINOGLYCOSIDE DERIVATIVES

NUMBER OF SEQUENCES: 66
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: PENNIE & EDMONDS LLP
 STREET: 1155 Avenue of the Americas

CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/179,558
 FILING DATE: 27-OCT-1998
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: U.S. 60/060,470
 FILING DATE: 15-APR-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: U.S. 60/063,898
 FILING DATE: 31-OCT-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Corruzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 9426-005-999
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)7909090
 TELEX: (212)8659741
 FAX: (212)8659741
 INFORMATION FOR SEQ ID NO: 61:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3059 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: Other

US-09-179-558-61
 Query Match 1.4%; Score 17; DB 3; Length 3059;
 Best Local Similarity 100.0%; Pred. No. 1.5e-02; Indels 0; Gaps 0;

Qy 404 AGTCTGCCAGCGAAG 420
 Db 966 AGTCTGCCAGCGAAG 982

RESULT 74
 US-09-722-825-61
 Sequence 61, Application US/09722825
 Patent No. 6531306
 GENERAL INFORMATION:
 APPLICANT: Hockensmith, Joel W.
 Muthuswami, Rohini
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TARGETING DNA METABOLIC PROCESSES USING
 AMINOGLYCOSIDE DERIVATIVES

NUMBER OF SEQUENCES: 66
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: PENNIE & EDMONDS LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/722,825
 FILING DATE: 28-No. 65313 06-2000
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/179,558
 FILING DATE: <Unknown>
 APPLICATION NUMBER: U.S. 60/063,898
 FILING DATE: 31-OCT-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 9426-005-999
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)7909050
 TELEFAX: (212)8699741
 TELEX: 6141 PENNIE
 INFORMATION FOR SEQ ID NO: 61:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3059 base pairs
 STRANDEDNESS: double
 TOPOLOGY: Linear
 MOLECULE TYPE: Other
 SEQUENCE DESCRIPTION: SEQ ID NO: 61:
 US-09-722-487-61

Query Match LENGTH: 3059 base pairs
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCGCCAGCAGAG 420
 Db 966 AGTCGCCAGCAGAG 982

RESULT 76
 US-09-722-708-61
 / Sequence 61, Application US/09722708
 / Patent No. 6573060

GENERAL INFORMATION:
 / APPLICANT: Hockensmith, Joel W.
 / Muthuswami, Rohini
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TARGETING DNA METABOLIC PROCESSES USING
 AMINOGLYCOSIDE DERIVATIVES

NUMBER OF SEQUENCES: 66
 CORRESPONDENCE ADDRESS:
 / ADDRESSEE: PENNIE & EDMONDS LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10036-2711.

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/722-708
 FILING DATE: 28-No. 6573060-2000
 CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/179,558
 FILING DATE: <Unknown>
 APPLICATION NUMBER: U.S. 60/063,898

ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 9426-005-999
 TELEPHONE: (212)7909050
 TELEX: (212)8699741
 TELEFAX: 6141 PENNIE
 INFORMATION FOR SEQ ID NO: 61:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3059 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: Linear
 MOLECULE TYPE: Other

RESULT 75
 US-09-722-487-61
 / Sequence 61, Application US/09722487
 / Patent No. 6537791

GENERAL INFORMATION:
 / APPLICANT: Hockensmith, Joel W.
 / Muthuswami, Rohini
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TARGETING DNA METABOLIC PROCESSES USING
 AMINOGLYCOSIDE DERIVATIVES

NUMBER OF SEQUENCES: 66
 CORRESPONDENCE ADDRESS:
 / ADDRESSEE: PENNIE & EDMONDS LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10036-2711

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/722-487
 FILING DATE: 28-No. 6537791-2000
 CLASSIFICATION: <Unknown>
 APPLICATION NUMBER: 09/179,558
 FILING DATE: <Unknown>
 APPLICATION NUMBER: U.S. 60/063,898
 FILING DATE: 31-OCT-1997

ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 9426-005-999
 TELEPHONE: (212)7909050
 TELEX: 6141 PENNIE
 INFORMATION FOR SEQ ID NO: 61:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3059 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: Linear
 MOLECULE TYPE: Other

RESULT 74
 US-09-722-708-61
 / Sequence 61, Application US/09722708
 / Patent No. 6573060

GENERAL INFORMATION:
 / APPLICANT: Hockensmith, Joel W.
 / Muthuswami, Rohini
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TARGETING DNA METABOLIC PROCESSES USING
 AMINOGLYCOSIDE DERIVATIVES

NUMBER OF SEQUENCES: 66
 CORRESPONDENCE ADDRESS:
 / ADDRESSEE: PENNIE & EDMONDS LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10036-2711.

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/722-708
 FILING DATE: 28-No. 6573060-2000
 CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/179,558
 FILING DATE: <Unknown>
 APPLICATION NUMBER: U.S. 60/063,898

ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 9426-005-999
 TELEPHONE: (212)7909050
 TELEX: 6141 PENNIE
 INFORMATION FOR SEQ ID NO: 61:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3059 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: Linear
 MOLECULE TYPE: Other

Db 966 AGCTGCCAGGAGAAG 9 82

RESULT 77
US-09-620-312D-349/C
Sequence 349, Application US/09620312D
Patent No. 6569662

GENERAL INFORMATION:
 / APPLICANT: Tang, Y. Tom
 / APPLICANT: Liu, Changhua
 / APPLICANT: Asundi, Vinod
 / APPLICANT: Zhang, Jie
 / APPLICANT: Ren, Feiyan
 / APPLICANT: Chen, Rui-hong
 / APPLICANT: Zhao, Qing A.
 / APPLICANT: Wehrman, Tom
 / APPLICANT: Xue, Aidong J.
 / APPLICANT: Yang, Yonghong
 / APPLICANT: Wang, Jian-Rui
 / APPLICANT: Zhou, Ping
 / APPLICANT: Ma, Yunding
 / APPLICANT: Wang, Zhirwei
 / APPLICANT: Wang, Dunrui
 / APPLICANT: John Tillinghast
 / APPLICANT: Drimanac, Radiso T.

TITLE OF INVENTION: No. 6569662 as Nucleic Acids and
 TITLE OF INVENTION: Polypeptides

FILE REFERENCE: 784C12B
 CURRENT APPLICATION NUMBER: US/09/620,312D
 CURRENT FILING DATE: 2000-07-19
 PRIOR APPLICATION NUMBER: 09/552,317
 PRIOR FILING DATE: 2000-04-25
 PRIOR APPLICATION NUMBER: 09/488,725
 PRIOR FILING DATE: 2000-01-21
 NUMBER OF SEQ ID NOS: 1105
 SOFTWARE: pt_FL_genes Version 1.0
 SEQ ID NO 349
 LENGTH: 4139
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE: CDS
 NAME/KEY: CDS
 LOCATION: (260) .. (2164)

US-09-620-312D-349

Query Match Score 17; DB 4; Length 4139;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Gaps 0;

Qy 499 GGCCACAGCGTGGCC 515
 Db 487 GGCCACAGCGTGGCC 471

RESULT 78
US-08-896-449A-1
Sequence 1, Application US/08896449A
 Patent No. 6040413

GENERAL INFORMATION:
 / APPLICANT: Venta, Patrick J
 / APPLICANT: Yuzbasian-Gurkan, Vilma
 / APPLICANT: Schall, William D
 / APPLICANT: Brewer, George J
 / APPLICANT: Duffendeck, John

TITLE OF INVENTION: DNA ENCODING CANINE VON WILLEBRAND
 NUMBER OF INVENTION: FACTOR AND METHODS OF USE
 NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Harness, Dickey & Pierce, P.L.C.
 STREET: 5445 Corporate Drive
 CITY: Troy
 STATE: Michigan
 COUNTRY: USA
 ZIP: 48098

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/896,449A
 FILING DATE: 18-JUL-1997
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 / NAME: Smith, Deann F.
 / REFERENCE/DOCKET NUMBER: 2115-001226
 TELECOMMUNICATION INFORMATION:
 / TELEPHONE: 248-641-1600
 / TELEFAX: 248-641-0270
 / TELEX: 287637
 / INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 / LENGTH: 802 base pairs
 / SPANDENESS: double
 / TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FEATURE:
 / NAME/KEY: CDS
 / LOCATION: 203..8641
 / OTHER INFORMATION: /function= "Blood Clotting Protein"
 / OTHER INFORMATION: /product= "Canine von Willebrand Factor"
 / OTHER INFORMATION: /standard_name= "vWF"
 PUBLICATION INFORMATION:
 / AUTHORS: Venta, Patrick J.
 / AUTHORS: Li, Jiaping
 / AUTHORS: Yuzbasian-Gurkan, Vilma
 / AUTHORS: Schall, William D.
 / AUTHORS: Brewer, George J.
 / TITLE: Von Willebrand's Disease in the Scottish
 Terrier is Caused by a Single Base Deletion in
 / TITLE: Exon Four of the von Willebrand Factor Gene
 / JOURNAL: Journal of the American Veterinary Medicine Association
 / DATE: 1996
 / RELEVANT RESIDUES IN SEQ ID NO: 1: FROM 1 TO 8802

US-08-896-449A-1

Query Match Score 17; DB 3; Length 8802;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 136 CCATCCCTGGTGTACAA 152
 Db 6815 CCATCCCTGGTGTACAA 6831

RESULT 79
US-09-132-652-1
Sequence 1, Application US/09132652
 Patent No. 6074812

GENERAL INFORMATION:
 / APPLICANT: Venta, Patrick J
 / APPLICANT: Yuzbasian-Gurkan, Vilma
 / APPLICANT: Schall, William D
 / APPLICANT: Brewer, George J
 / APPLICANT: Duffendeck, John

TITLE OF INVENTION: DNA ENCODING CANINE VON WILLEBRAND FACTOR AND METHODS
 / TITLE OF INVENTION: OF USE
 / FILE REFERENCE: 2115S-001226CPB
 CURRENT APPLICATION NUMBER: US/09/132,652
 CURRENT FILING DATE: 1998-08-11
 EARLIER APPLICATION NUMBER: 08/896,449
 / NUMBER OF SEQ ID NOS: 29
 SOFTWARE: PatentIn Ver. 2.0

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; SEQ ID NO 1
; LENGTH: 8802
; TYPE: DNA
; ORGANISM: Canis familiaris
US-09-132-652-1

Query Match      1.4%;  Score 17;  DB 3;  Length 8802;
Best Local Similarity 100.0%;  Pred. No. 1.5e+02;
Matches 17;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy   136 CCATCCCTGGTGTACAA 152
Db   6815 CCATCCCTGGTGTACAA 6831

RESULT 80
US-09-886-900A-1
; Sequence 1, Application US/09886900A
; Patent No. 676707
; GENERAL INFORMATION:
; APPLICANT: Venta, Patrick J.
; APPLICANT: Brewer, George J.
; APPLICANT: Vilma, Yurbasiyran-Gurkan
; APPLICANT: Schall, William D.
; TITLE OF INVENTION: DNA ENCODING CANINE VON WILLEBRAND FACTOR AND METHODS
; FILE REFERENCE: UMV-1226CPPCUS
; CURRENT APPLICATION NUMBER: US/09/886,900A
; CURRENT FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US/09/662,478C
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: 09/132,652
; PRIOR FILING DATE: 1998-08-11
; PRIOR APPLICATION NUMBER: PCT/US99/18153
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 1
; LENGTH: 8802
; TYPE: DNA
; ORGANISM: Canis familiaris
US-09-886-900A-1

Query Match      1.4%;  Score 17;  DB 4;  Length 8802;
Best Local Similarity 100.0%;  Pred. No. 1.5e+02;
Matches 17;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy   136 CCATCCCTGGTGTACAA 152
Db   6815 CCATCCCTGGTGTACAA 6831

RESULT 81
US-09-662-478C-1
; Sequence 1, Application US/09662478C
; Patent No. 6780583
; GENERAL INFORMATION:
; APPLICANT: Venta, Patrick J.
; APPLICANT: Brewer, George J.
; APPLICANT: Vilma, Yurbasiyran-Gurkan
; APPLICANT: Schall, William D.
; TITLE OF INVENTION: DNA ENCODING CANINE VON WILLEBRAND FACTOR AND METHODS
; FILE REFERENCE: UMV-1226CPPCUS
; CURRENT APPLICATION NUMBER: US/09/662,478C
; CURRENT FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/18153
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 1
; LENGTH: 4780
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: exon
; LOCATION: (1) .. (614)
; NAME/KEY: intron
; LOCATION: (615) .. (8636)
; NAME/KEY: exon
US-09-534-638-1/C
; Sequence 1, Application US/09534638
; Patent No. 6320038
; GENERAL INFORMATION:
; APPLICANT: Pauli, Pertti A.J.
; APPLICANT: Brandt, Annika
; APPLICANT: Westerlund, Johanna
; TITLE OF INVENTION: Promoter for Neuropeptide FF Promoter and use thereof
; TITLE OF INVENTION: For therapy and diagnosis
; FILE REFERENCE: 2530-104
; CURRENT APPLICATION NUMBER: US/09/534,638
; CURRENT FILING DATE: 2000-03-27
; EARLIER APPLICATION NUMBER: 09/365755
; EARLIER FILING DATE: 1999-08-03
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 9840
; TYPE: DNA
; ORGANISM: Mouse
US-09-534-638-1

Query Match      1.4%;  Score 17;  DB 3;  Length 9840;
Best Local Similarity 100.0%;  Pred. No. 1.5e+02;
Matches 17;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy   376 CTGAGTGCTGCTGCTGAG 392
Db   1838 CTGAGTGCTGCTGCTGAG 1822

RESULT 83
US-09-798-743-5/C
; Sequence 5, Application US/09798743
; Patent No. 6790831
; GENERAL INFORMATION:
; APPLICANT: Nezu, Jun-Ichi
; APPLICANT: Ose, Asuka
; TITLE OF INVENTION: SYSTEMIC CARNITINE DEFICIENCY GENE AND USES THEREOF
; FILE REFERENCE: 06501-073001
; CURRENT APPLICATION NUMBER: US/09/798,743
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: PCT/JP99/04853
; PRIOR FILING DATE: 1999-09-07
; PRIOR APPLICATION NUMBER: JP 10-252683
; PRIOR FILING DATE: 1998-09-07
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 25871
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: exon
; LOCATION: (1) .. (614)
; NAME/KEY: intron
; LOCATION: (615) .. (8636)
; NAME/KEY: exon

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LOCATION: (8637) .. (8740)
NAME/KEY: intron
LOCATION: (8741) .. (14409)
NAME/KEY: exon
LOCATION: (14410) .. (14564)
NAME/KEY: intron
LOCATION: (14565) .. (15590)
NAME/KEY: exon
LOCATION: (15591) .. (15762)
NAME/KEY: intron
LOCATION: (15763) .. (17282)
NAME/KEY: exon
LOCATION: (17283) .. (17469)
NAME/KEY: intron
LOCATION: (17410) .. (19178)
NAME/KEY: exon
LOCATION: (19179) .. (19279)
NAME/KEY: intron
LOCATION: (19280) .. (20947)
NAME/KEY: exon
LOCATION: (20948) .. (21162)
NAME/KEY: intron
LOCATION: (21163) .. (22690)
NAME/KEY: exon
LOCATION: (22691) .. (22873)
NAME/KEY: intron
LOCATION: (22874) .. (23934)
NAME/KEY: exon
LOCATION: (23935) .. (24070)
NAME/KEY: intron
LOCATION: (24071) .. (24443)
NAME/KEY: exon
LOCATION: (24444) .. (25871)
NAME/KEY: exon
LOCATION: (25871) .. (25871)

us-09-798-743-5

Query Match          Score 1.4%;  Score 17; DB 4; Length 25871;
Best Local Similarity 100.0%; Pred. No. 1.5e+02; Mismatches 0; Indels 0; Gaps 0;

Qy      50 AGGGCCCTGGGCCCTCC 66
Db      11719 AGGGCCCTGGGCCCTCC 11703

RESULT 84
US-10-127-189-41/c
Sequence 41, Application US/10327189
Patent No. 6731505
GENERAL INFORMATION:
APPLICANT: Peltekova, Vanya D
APPLICANT: Wintle, Richard F
APPLICANT: Rubin, Laurence A
APPLICANT: Peter, St George-Hyslop H
APPLICANT: Siminovitch, Katherine A
TITLE OF INVENTION: POLYMORPHISMS OF THE OCTN1 AND OCTN2 CATION TRANSPORTERS ASSOCIATED WITH INFLAMMATORY BOWEL DISORDERS
FILE REFERENCE: ELLP-020
CURRENT APPLICATION NUMBER: US/10/327189
CURRENT FILING DATE: 2002-12-20
PRIOR APPLICATION NUMBER: 60/343,338
PRIOR FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/362,700
PRIOR FILING DATE: 2002-03-08
PRIOR APPLICATION NUMBER: 60/362,717
PRIOR FILING DATE: 2002-03-08
NUMBER OF SBO ID NOS: 42
SOFTWARE: PatentIn version 3.1
SEQ ID NO: 41
LENGTH: 26850
TYPE: DNA
ORGANISM: Homo sapiens

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FEATURE:
NAME/KEY: misc_feature
LOCATION: (49) .. (49)
OTHER INFORMATION: n at 49 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (134) .. (134)
OTHER INFORMATION: n at 134 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (546) .. (546)
OTHER INFORMATION: n at 546 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (877) .. (877)
OTHER INFORMATION: n at 877 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1338) .. (1338)
OTHER INFORMATION: n at 1338 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1985) .. (1985)
OTHER INFORMATION: n at 1985 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (2124) .. (2124)
OTHER INFORMATION: n at 2124 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (2307) .. (2307)
OTHER INFORMATION: n at 2307 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3115) .. (3115)
OTHER INFORMATION: n at 3115 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3159) .. (3159)
OTHER INFORMATION: n at 3159 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3191) .. (3191)
OTHER INFORMATION: n at 3191 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3282) .. (3282)
OTHER INFORMATION: n at 3282 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3661) .. (3661)
OTHER INFORMATION: n at 3661 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3748) .. (3748)
OTHER INFORMATION: n at 3748 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3797) .. (3797)
OTHER INFORMATION: n at 3797 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4260) .. (4260)
OTHER INFORMATION: n at 4260 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4903) .. (4903)
OTHER INFORMATION: n at 4903 can be a or g or c or t

NAME/KEY: misc_feature
LOCATION: (5971)..(5971)
OTHER INFORMATION: n at 5971 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6111)..(6111)
OTHER INFORMATION: n at 6111 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6118)..(6148)
OTHER INFORMATION: n at 6148 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6400)..(6400)
OTHER INFORMATION: n at 6400 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6468)..(6468)
OTHER INFORMATION: n at 6468 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6555)..(6575)
OTHER INFORMATION: n at 6575 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (7287)..(7287)
OTHER INFORMATION: n at 7287 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8495)..(8495)
OTHER INFORMATION: n at 8495 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9918)..(9918)
OTHER INFORMATION: n at 9918 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9919)..(9919)
OTHER INFORMATION: n at 9919 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9924)..(9924)
OTHER INFORMATION: n at 9924 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9947)..(9947)
OTHER INFORMATION: n at 9947 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10143)..(10143)
OTHER INFORMATION: n at 10143 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10357)..(10357)
OTHER INFORMATION: n at 10357 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10379)..(10379)
OTHER INFORMATION: n at 10379 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10384)..(10384)
OTHER INFORMATION: n at 10384 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10580)..(10580)
OTHER INFORMATION: n at 10580 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10717)..(10717)
OTHER INFORMATION: n at 10717 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature

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; LOCATION: (1071B)..(1071B)
; OTHER INFORMATION: n at 10718 can be a or g or c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10719)..(10719)
; OTHER INFORMATION: n at 10719 can be a or g or c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10781)..(10781)
; OTHER INFORMATION: n at 10781 can be a or g or c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11111)..(11111)
; OTHER INFORMATION: n at 11111 can be a or g or c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11150)..(11150)
; OTHER INFORMATION: n at 11150 can be a or g or c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11211)..(11211)
; OTHER INFORMATION: n at 11211 can be a or g or c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11333)..(11333)
; OTHER INFORMATION: n at 11333 can be a or g or c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11383)..(11383)
; OTHER INFORMATION: n at 11383 can be a or g or c or t
; FEATURE:

Query Match Score 17; DB 4; Length 1-4%
Best Local Similarity 100.0%; Pred. No. 1.5e+00; Mismatches 0; Inc.
Matches 17; Conservative 0; 0; 0; 0;
Qy 50 AGGGCCCTGGCCCTCC 66
Db 13521 AGGGCCCTGGCCCTCC 13505

RESULT 85
US-09-453-702B-62
; Sequence 62, Application US/09453702B
; Patent No. 6365723
; GENERAL INFORMATION:
; APPLICANT: Blattner, Frederick R.
; Burland, Valerie
; Perna, Nicole T.
; Plunkett, Guy
; Welch, Rod
; TITLE OF INVENTION: No. 6365723el Sequences of E.
; NUMBER OF SEQUENCES: 265
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 1 South Pinckney Street
; CITY: Madison
; STATE: WI
; COUNTRY: US
; ZIP: 53701-2113
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch. 1.44Mb 80c
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/453,702B
; FILING DATE: 03-Dec-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/110,955
; FILING DATE: 04-DEC-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Ssey, Nicholas J.
; REGISTRATION NUMBER: 27386
; REFERENCE/CASE NUMBER: 960296, 95017
; TELECOMMUNICATION INFORMATION:

```

TELEPHONE: (608) 251-5000 ; LENGTH: 4411529;
 TELEFAX: (608) 251-9166 ; TYPE: DNA ;
 INFORMATION FOR SEQ ID NO: 62; ORGANISM: Mycobacterium tuberculosis
 SEQUENCE CHARACTERISTICS:
 LENGTH: 61663 ; OTHER INFORMATION: H37Rv
 TYPE: nucleic acid ;
 STRANDEDNESS: double ;
 TOPOLOGY: linear ;
 MOLECULE TYPE: DNA (genomic) ;
 SEQUENCE DESCRIPTION: SEQ ID NO: 62;
 LENGTH: 61663
 Query Match 1.4%; Score 17; DB 3; Length 61663;
 Best Local Similarity 100.0%; Pred. No. 1.e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 2436-20007.00
 CURRENT APPLICATION NUMBER: US/09/103,840A
 TITLE OF INVENTION: TUBERCULOSIS
 FILE REFERENCE: 2436-20007.00
 CURRENT FILING DATE: 1998-06-24
 NUMBER OF SEQ ID NOS: 2
 SOFTWARE: PatentIn Ver. 2.1
 OTHER INFORMATION: CDC 1551
 OTHER INFORMATION: "n" bases at various positions throughout the sequence
 US-09-103-840A-2
 Query Match 1.4%; Score 17; DB 3; Length 4403765;
 Best Local Similarity 100.0%; Pred. No. 96;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 2436-20007.00
 CURRENT APPLICATION NUMBER: US/09/103,840A
 TITLE OF INVENTION: TUBERCULOSIS
 FILE REFERENCE: 2436-20007.00
 CURRENT FILING DATE: 1998-06-24
 NUMBER OF SEQ ID NOS: 2
 SOFTWARE: PatentIn Ver. 2.1
 OTHER INFORMATION: represent a, t, c or g
 US-09-103-840A-2
 Query Match 1.4%; Score 17; DB 3; Length 4403765;
 Best Local Similarity 100.0%; Pred. No. 96;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 2436-20007.00
 CURRENT APPLICATION NUMBER: US/09/103,840A
 TITLE OF INVENTION: TUBERCULOSIS
 FILE REFERENCE: 2436-20007.00
 CURRENT FILING DATE: 1998-06-24
 NUMBER OF SEQ ID NOS: 2
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 1

RESULT 90
 US-09-270-767-30555
 ; Sequence 30555, Application US/09270767
 ; Patent No. 6703491
 ; GENERAL INFORMATION:
 ; APPLICANT: Homburger et al.
 ; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
 ; FILE REFERENCE: FILE Reference: 7326-094
 ; CURRENT FILING DATE: 1999-03-17
 ; NUMBER OF SEQ ID NOS: 62517
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 30555
 ; LENGTH: 227
 ; TYPE: DNA
 ; ORGANISM: Drosophila melanogaster
 ; US-09-270-767-30555

Query Match 1.4%; Score 16; DB 4; Length 227;
 Best Local Similarity 100.0%; Pred. No. 4.7e+02;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 389 TGAGGAACTAATGGAA 404
 Db 168 TGAGGAACTAATGGAA 183

RESULT 91
 US-09-602-877A-93
 ; Sequence 93, Application US/09602877A
 ; Patent No. 6432707
 ; GENERAL INFORMATION:
 ; APPLICANT: Reed, Steven G.
 ; APPLICANT: Xu, Jiangchun
 ; APPLICANT: Dillon, Davin C.
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
 ; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER
 ; FILE REFERENCE: 210121.446CS
 ; CURRENT FILING DATE: 2000-06-22
 ; NUMBER OF SEQ ID NOS: 107
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 93
 ; LENGTH: 251
 ; TYPE: DNA
 ; ORGANISM: Homo sapien
 ; US-09-602-877A-93

Query Match 1.4%; Score 16; DB 4; Length 251;

Best Local Similarity 100.0%; Pred. No. 4.7e+02;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 24 GCCTGTGTCTGTGA 39

Db 92 GCCTGTGTCTGTGA 107

RESULT 92
 US-09-071-710-9/C
 ; Sequence 9, Application US/09071710
 ; Patent No. 6130043
 ; GENERAL INFORMATION:
 ; APPLICANT: BILLING-MEDEL, PATRICIA
 ; APPLICANT: COHEN, MAURICE
 ; APPLICANT: COLPITS, TRACEY L.
 ; APPLICANT: FRIEDMAN, PAULA N.
 ; APPLICANT: GORDON, JULIAN
 ; APPLICANT: GRANADOS, EDWARD N.
 ; APPLICANT: HODGES, STEVEN C.
 ; APPLICANT: KLAAS, MICHAEL R.
 ; APPLICANT: KRATOCHVIL, JON D.
 ; APPLICANT: ROBERTS-RAPP, LISA
 ; APPLICANT: RUSSELL, JOHN C.
 ; APPLICANT: STROUE, STEPHEN D.
 ; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
 ; NUMBER OF SEQUENCES: 41
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Abbott Laboratories
 ; STREET: 100 Abbott Park Road
 ; CITY: Abbott Park
 ; STATE: IL

RESULT 90
 US-09-270-767-30555
 ; Sequence 30555, Application US/09270767
 ; Patent No. 6703491
 ; GENERAL INFORMATION:
 ; APPLICANT: STROUE, STEPHEN D.
 ; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
 ; NUMBER OF SEQUENCES: 41
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Abbott Laboratories
 ; STREET: 100 Abbott Park Road
 ; CITY: Abbott Park
 ; STATE: IL
 ; COUNTRY: USA
 ; ZIP: 60064-3500
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/071.710
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/850,713
 ; FILING DATE: 02-MAY-1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Becker, Cheryl L.
 ; REGISTRATION NUMBER: 35,441
 ; REFERENCE/DOCKET NUMBER: 6083.US.P1
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 847/938-2623
 ; TELEFAX: 847/938-2623
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 9:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 265 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-071-710-9
 ; Query Match 1.4%; Score 16; DB 3; Length 265;
 ; Best Local Similarity 100.0%; Pred. No. 4.7e+02;
 ; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 ; Qy 24 GCCTGTGTCTGTGA 39
 ; Db 141 GCCTGTGTCTGTGA 126
 ; US-09-525-397-9/C
 ; Sequence 9, Application US/09525397
 ; Patent No. 6252047
 ; GENERAL INFORMATION:
 ; APPLICANT: BILLING-MEDEL, PATRICIA
 ; APPLICANT: COHEN, MAURICE
 ; APPLICANT: COLPITS, TRACEY L.
 ; APPLICANT: FRIEDMAN, PAULA N.
 ; APPLICANT: GORDON, JULIAN
 ; APPLICANT: GRANADOS, EDWARD N.
 ; APPLICANT: HODGES, STEVEN C.
 ; APPLICANT: KLAAS, MICHAEL R.
 ; APPLICANT: KRATOCHVIL, JON D.
 ; APPLICANT: ROBERTS-RAPP, LISA
 ; APPLICANT: RUSSELL, JOHN C.
 ; APPLICANT: STROUE, STEPHEN D.
 ; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
 ; NUMBER OF SEQUENCES: 41
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Abbott Laboratories
 ; STREET: 100 Abbott Park Road
 ; CITY: Abbott Park
 ; STATE: IL

COUNTRY: USA
 ZIP: 60064-3500
 COMPUTER READABLE FORM:
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTBQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/525,397
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/071,710
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Becker, Cheryl L.
 REGISTRATION NUMBER: 35,441
 REFERENCE/DOCKET NUMBER: 6083.US.P1.
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 847/935-1729
 TELEX:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 265 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-525-397-9

Query Match 1.4%; Score 16; DB 3; Length 265;
 Best Local Similarity 100.0%; Pred. No. 4.7e+02; Mismatches 0; Indels 0; Gaps 0;

Qy 24 GCCTGTCTCTGTGA 39
 Db 141 GCCTGTCTCTGTGA 126

RESULT 94
 US 09-621-976-16442
 / Sequence 1642, Application US/09621976
 / Patent No. 6639063
 / GENERAL INFORMATION:
 / APPLICANT: Dumas Milne Edwards, J.B.
 / APPLICANT: Jobert, S.
 / APPLICANT: Giordano, J.Y.
 / TITLE OF INVENTION: ESTs and Encoded Human Proteins.
 / FILE REFERENCE: GENSET_054PR2
 / CURRENT APPLICATION NUMBER: US/09/621,976
 / CURRENT FILING DATE: 2000-07-21
 / NUMBER OF SEQ ID NOS: 19335
 / SOFTWARE: Patent.pm
 / SEQ ID NO: 16442
 / LENGTH: 278
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / FEATURE: misc_feature
 / NAME/KEY: misc_feature
 / LOCATION: 114
 / OTHER INFORMATION: n=a, g, c or t
 US-09-621-976-16442

Query Match 1.4%; Score 16; DB 4; Length 278;
 Best Local Similarity 100.0%; Pred. No. 4.7e+02; Mismatches 0; Indels 0; Gaps 0;

Qy 739 TGAGGGGCCCTCTC 754
 Db 230 TGGGGGGGCGCTCTC 245

RESULT 97
 US-09-071-710-10/c

US-09-313-294A-3534/C
 ; Sequence 3534, Application US/09313294A
 ; Patent No. 6476212
 / GENERAL INFORMATION:
 / APPLICANT: Lalquadi, Raghunath V.
 / APPLICANT: Ito, Laura Y.
 / APPLICANT: Sherman, Bradley K.
 / TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
 / FILE REFERENCE: PL-0017 US
 / CURRENT APPLICATION NUMBER: US/09/313,294A
 / CURRENT FILING DATE: 1999-05-14
 / NUMBER OF SEQ ID NOS: 7600
 / SOFTWARE: PERL program
 / SEQ ID NO: 3534
 / LENGTH: 283
 / TYPE: DNA
 / ORGANISM: Zea mays
 / FEATURE:
 / NAME/KEY: misc_feature
 / OTHER INFORMATION: Incyte ID No. 6476212 700611809H1
 US-09-313-294A-3534

Query Match 1.4%; Score 16; DB 4; Length 283;
 Best Local Similarity 100.0%; Pred. No. 4.7e+02; Mismatches 0; Indels 0; Gaps 0;

Qy 163 GCAGACAGATGCTGAG 178
 Db 176 GCAGACAGATGCTGAG 161

RESULT 96
 US-09-513-999C-20413
 ; Sequence 20413, Application US/09513999C
 ; Patent No. 6783961
 / GENERAL INFORMATION:
 / APPLICANT: Dumas Milne Edwards, J.B.
 / APPLICANT: Ducleart, A.
 / APPLICANT: Giordano, J.Y.
 / TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
 / Patent No. 6783961
 / FILE REFERENCE: 59.JS2.REG
 / CURRENT APPLICATION NUMBER: US/09/513,999C
 / CURRENT FILING DATE: 2000-02-24
 / PRIOR APPLICATION NUMBER: US 60/122,487
 / PRIOR FILING DATE: 1999-02-26
 / NUMBER OF SEQ ID NOS: 36681
 / SOFTWARE: Patent.pm
 / SEQ ID NO: 20413
 / LENGTH: 283
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / FEATURE:
 / NAME/KEY: misc_feature
 / LOCATION: 182
 / OTHER INFORMATION: s=g or c
 / FEATURE:
 / NAME/KEY: misc_feature
 / LOCATION: 274
 / OTHER INFORMATION: b=c or g or t
 US-09-513-999C-20413

Query Match 1.4%; Score 16; DB 4; Length 283;
 Best Local Similarity 100.0%; Pred. No. 4.7e+02; Mismatches 0; Indels 0; Gaps 0;

Qy 699 GGGCAAAAGAGAGGA 714
 Db 251 GGGCAAAAGAGAGGA 266

RESULT 97
 US-09-071-710-10/c

Sequence 10, Application US/09071710
 GENERAL INFORMATION:
 APPLICANT: BILLING-MEDEL, PATRICIA
 APPLICANT: COHEN, MAURICE
 APPLICANT: COLPITTS, TRACEY L.
 APPLICANT: FRIEDMAN, PAULA N.
 APPLICANT: GORDON, JULIAN
 APPLICANT: GRANADOS, EDWARD N.
 APPLICANT: HODGES, STEVEN C.
 APPLICANT: KLAAS, MICHAEL R.
 APPLICANT: KRATOCHVIL, JON D.
 APPLICANT: ROBERTS-RAPP, LISA
 APPLICANT: RUSSELL, JOHN C.
 APPLICANT: STROUSE, STEPHEN D.
 APPLICANT: STROUPE, STEPHEN D.
 APPLICANT: KLASA, MICHAEL R.
 APPLICANT: KRATOCHVIL, JON D.
 APPLICANT: ROBERTS-RAPP, LISA
 APPLICANT: RUSSELL, JOHN C.
 APPLICANT: STROUSE, STEPHEN D.
 TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE PROSTATE
 NUMBER OF SEQUENCES: 41
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Abbott Laboratories
 STREET: 100 Abbott Park Road
 CITY: Abbott Park
 STATE: IL
 COUNTRY: USA
 ZIP: 60064-3500
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/071,710
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/850,713
 FILING DATE: 02-MAY-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Becker, Cherry L.
 REGISTRATION NUMBER: 35,441
 REFERENCE/DOCKET NUMBER: 6083.US.P1
 TELECOMMUNICATION INFORMATION:
 NAME: Becker, Cherry L.
 TELEPHONE: 847/935-1729
 TELEFAX: 847/938-2623
 TELEX:
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 288 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 NAME/KEY: base_polymorphism
 LOCATION: 147
 OTHER INFORMATION: /note= "N' represents an A or G or T or C polymorphism at this position"
 US-09-071-710-10

Query Match 1.4%; Score 16; DB 3; Length 288;
 Best Local Similarity 100.0%; Pred. No. 4.7e+02;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Gaps 0;

Qy 24 GCCTGTGTCCTCTGTA 39
 Db 62 GCCCTGTGTCCTCTGTA 47

RESULT 99
 US-08-235-838-9/C
 Sequence 9, Application US/08235838
 ; General Information:
 ; Patent No. 5571894
 ; Applicant: Wels, Winfried S.
 ; Sequence 10, Application US/09525397
 ; Patent No. 6252047
 ; General Information:
 ; Applicant: BILLING-MEDEL, PATRICIA

APPLICANT: Zwickl, Markus
 TITLE OF INVENTION: Recombinant Antibodies Specific for a Growth Factor Receptor
 NUMBER OF SEQUENCES: 16
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CIBA-GEIGY Corporation
 STREET: 7 Skyline Drive
 CITY: Hawthorne
 STATE: New York
 ZIP: 10532
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/235,838
 FILING DATE: TBA
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/828,832
 FILING DATE: 31-JAN-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 91-810079.3
 FILING DATE: 05-FEB-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Elmer, James Scott
 REGISTRATION NUMBER: 36,129
 REFERENCE/DOCKET NUMBER: 4-18518/A/CIP/CONT
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (919)541-8614
 TELEFAX: (919)541-8689
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 SEQUENCE: 310 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Mouse
 INDIVIDUAL ISOLATE: E. coli
 IMMEDIATE SOURCE:
 CLONE: pWW15-VL51-1
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: 1..310
 OTHER INFORMATION: /note= "1..18 partial seq. of VK1BACK primer region; 24..96 CDR1L; 142..162 CDR2L;
 OTHER INFORMATION: 259..282 CDR3L; 292..310 partial seq. of VK1FOR
 OTHER INFORMATION: primer region
 US-08-235,838-9

Query Match 1..4%; Score 16; DB 1; Length 310;

Best Local Similarity 100.0%; Pred. No. 4.7e+02; Mismatches 0; Gaps 0;

Matches 16; Conservative 0; MisMatch 0; Indels 0; Gaps 0;

Qy 586 TGAGGATGGAGACTGG 601
 Db 24 TGAGGATGGAGACTGG 9

RESULT 100
 US-08-473B-9/C
 Sequence 9, Application US/08465473B
 i Patent No. 593951
 GENERAL INFORMATION:
 i APPLICANT: Wels, Winfried S.
 i APPLICANT: Hynes, Nancy E.
 i APPLICANT: Harwerth, Ina-Maria

; APPLICANT: Groner, Bernd
 ; APPLICANT: Hardman, No. 5939531man
 ; APPLICANT: Zwickl, Markus
 ; TITLE OF INVENTION: Recombinant Antibodies Specific for a Growth Factor Receptor
 ; TITLE OF INVENTION: Growth Factor Receptor
 ; NUMBER OF SEQUENCES: 34
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: 'NOVARTIS Corporation
 ; STREET: 564 Morris Avenue
 ; CITY: Summit
 ; STATE: New Jersey
 ; COUNTRY: USA
 ; ZIP: 07901-6940
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/465,473B
 ; FILING DATE: 5 June 1995
 ; CLASSIFICATION: 435
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/828,832
 ; FILING DATE: 31-JAN-1992
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: GB 91-810079.3
 ; FILING DATE: 05-FEB-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Pfeiffer, Hesna J.
 ; REGISTRATION NUMBER: 22, 640
 ; REFERENCE/DOCKET NUMBER: 4-18518/A/CIP/CONT2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (908)522 6940
 ; TELEFAX: (908)522 6955
 ; INFORMATION FOR SEQ ID NO: 9:
 ; SEQUENCE CHARACTERISTICS:
 ; SEQUENCE: 310 base pairs
 ; LENGTH: 310 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO
 ; ORIGINAL SOURCE:
 ; ORGANISM: Mouse
 ; INDIVIDUAL ISOLATE: E. coli
 ; IMMEDIATE SOURCE:
 ; CLONE: pWW15-VL51-1
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: 1..310
 ; OTHER INFORMATION: /note= "1..18 partial seq. of VK1BACK primer region; 24..96 CDR1L; 142..162 CDR2L;
 ; OTHER INFORMATION: 259..282 CDR3L; 292..310 partial seq. of VK1FOR
 ; OTHER INFORMATION: primer region
 ; OTHER INFORMATION:
 ; US-08-465-473B-9

Query Match 1..4%; Score 16; DB 2; Length 310;
 Best Local Similarity 100.0%; Pred. No. 4.7e+02; Mismatches 0; MisMatch 0; Indels 0; Gaps 0;
 Matches 16; Conservative 0; MisMatch 0; Indels 0; Gaps 0;
 Qy 586 TGAGGATGGAGACTGG 601
 Db 24 TGAGGATGGAGACTGG 9

Search completed: December 30, 2004, 16:17:31
 Job time : 152 secs

Result No.	Score	Query Match Length	DB ID	Description
1	1183	100.0	1183	US-09-839-853A-74
c 2	1183	100.0	1183	US-09-814-153-1714
c 3	735	62.1	786	US-09-867-550-953
c 4	735	62.1	786	US-10-432-746A-4
c 5	724	61.2	864	US-09-814-352-21302
c 6	657	55.5	763	US-09-867-550-953
c 7	483	40.8	737	US-10-432-746A-6
c 8	468	39.6	1413	US-10-115-635-120
c 9	348	29.4	444	US-09-867-550-951
c 10	341	28.8	875	US-09-867-550-1915
c 11	113	43.2	9	US-09-864-761-15513
c 12	113	44.8	9	US-09-864-761-15513
c 13	8.1	2.2	701	US-10-432-746A-1
c 14	87	2.2	701	US-09-939-853A-141
c 15	77	6.5	152	US-09-814-153-4631
c 16	77	6.5	152	US-09-814-153-10330
c 17	43	3.6	777	US-10-432-746A-2
c 18	43	3.6	1348	US-10-432-746A-1
c 19	26	2.2	26	US-09-939-853A-141
c 20	25	2.1	25	US-10-432-746A-15
c 21	25	2.1	25	US-10-432-746A-16
c 22	25	2.1	25	US-10-432-746A-17
c 23	23	2.1	23	US-10-432-746A-14
c 24	22	1.9	22	US-09-939-853A-142
c 25	21	1.8	701	US-10-432-746A-141
c 26	20	1.7	20	US-10-432-746A-15
c 27	20	1.7	430	US-10-674-124A-3306
c 28	20	1.7	611	US-10-027-632-195852
c 29	20	1.7	611	Sequence 195852,
c 30	20	1.7	672	Sequence 142, Appi
c 31	20	1.7	672	Sequence 2188, Appi
c 32	20	1.7	672	Sequence 140, Appi
c 33	20	1.7	672	Sequence 3306, Appi
c 34	20	1.7	672	Sequence 195852,
c 35	20	1.7	672	Sequence 142058,
c 36	20	1.7	672	Sequence 142059,
c 37	20	1.7	672	Sequence 142060,
c 38	20	1.7	672	Sequence 142061,
c 39	20	1.7	711	Sequence 107077,
c 40	20	1.7	711	Sequence 142058,
c 41	20	1.7	711	Sequence 142059,
c 42	20	1.7	672	Sequence 142060,
c 43	20	1.7	672	Sequence 142061,
c 44	20	1.7	672	Sequence 142062,
c 45	20	1.7	672	Sequence 142063,
c 46	20	1.7	672	Sequence 142064,
c 47	20	1.7	672	Sequence 142065,
c 48	20	1.7	2034	Sequence 3, Appi
c 49	20	1.7	1636	Sequence 234, Appi
c 50	20	1.7	1879	Sequence 29229, Appi
c 51	20	1.7	2017	Sequence 76, Appi
c 52	20	1.7	2032	Sequence 142059,
c 53	20	1.7	2032	Sequence 142060,
c 54	20	1.7	2034	Sequence 142061,
c 55	20	1.7	2129	Sequence 142062,
c 56	20	1.7	2129	Sequence 142063,
c 57	19	1.6	2032	Sequence 142064,
c 58	19	1.6	2227	Sequence 142065,
c 59	19	1.6	2282	Sequence 142066,
c 60	19	1.6	31842	Sequence 142067,
c 61	19	1.6	177587	Sequence 142068,
c 62	19	1.6	786431	Sequence 142069,
c 63	19	1.6	65	Sequence 4510, Appi
c 64	19	1.6	114	Sequence 31016, Appi
c 65	19	1.6	438	Sequence 73988, Appi
c 66	19	1.6	510	Sequence 232, Appi
c 67	19	1.6	599	Sequence 1438, Appi
c 68	19	1.6	753	Sequence 3, Appi
c 69	19	1.6	1033	Sequence 4510, Appi
c 70	19	1.6	1125	Sequence 27950, Appi
c 71	19	1.6	1833	Sequence 118578,
c 72	19	1.6	1833	Sequence 1, Appli
c 73	19	1.6	1833	Sequence 118578,
c 74	19	1.6	2033	Sequence 1, Appli
c 75	19	1.6	2120	Sequence 5045, Appi
c 76	19	1.6	2771	Sequence 577, Appi
c 77	19	1.6	3103	Sequence 1101, Appi
c 78	19	1.6	3107	Sequence 416, Appi
c 79	19	1.6	4207	Sequence 4632, Appi
c 80	19	1.6	4720	Sequence 2048, Appi
c 81	19	1.6	6779	Sequence 29812, Appi
c 82	19	1.6	33414	Sequence 1073, Appi
c 83	19	1.6	189158	Sequence 415, Appi
c 84	19	1.6	192673	Sequence 1, Appli
c 85	18	1.5	16	Sequence 136942, Appi
c 86	18	1.5	123	Sequence 136942, Appi

86	9	US-09-738-626-3261	Sequence 3261, App	Sequence 441, APP
87	9	US-10-437-963-26242	Sequence 26242, A	Sequence 441, APP
88	1.5	219 17 US-10-437-963-3341	Sequence 35410, A	Sequence 441, APP
c 88	1.5	304 17 US-10-437-963-47957	Sequence 47957, A	Sequence 441, APP
c 89	1.5	311 17 US-10-437-963-49752	Sequence 96032, A	Sequence 441, APP
c 90	1.5	365 17 US-10-437-963-96032	Sequence 84460, A	Sequence 441, APP
c 91	1.5	374 17 US-10-437-963-84460	Sequence 8609, App	Sequence 441, APP
c 92	1.5	402 10 US-09-918-965-8609	Sequence 1815, App	Sequence 441, APP
c 93	1.5	403 9 US-09-918-965-1815	Sequence 2773, App	Sequence 441, APP
c 94	1.5	408 11 US-09-918-965-1815	Sequence 13328, App	Sequence 441, APP
c 95	1.5	467 13 US-10-027-632-270409	Sequence 195391, App	Sequence 441, APP
c 96	1.5	474 13 US-10-027-632-270409	Sequence 195391, App	Sequence 441, APP
c 102	1.5	474 15 US-10-027-632-195991	Sequence 26739, A	Sequence 441, APP
c 103	1.5	474 15 US-10-027-632-26739	Sequence 38019, A	Sequence 441, APP
c 104	1.5	487 10 US-09-918-995-38019	Sequence 27009, App	Sequence 441, APP
c 105	1.5	491 10 US-09-918-995-38019	Sequence 27009, App	Sequence 441, APP
c 106	1.5	497 13 US-10-027-632-270409	Sequence 284851, App	Sequence 441, APP
c 107	1.5	497 15 US-10-027-632-270409	Sequence 284851, App	Sequence 441, APP
c 108	1.5	498 13 US-10-027-632-284852	Sequence 284851, App	Sequence 441, APP
c 109	1.5	498 15 US-10-027-632-284852	Sequence 284851, App	Sequence 441, APP
c 110	1.5	498 15 US-10-027-632-284852	Sequence 284852, App	Sequence 441, APP
c 111	1.5	544 9 US-09-764-953-86	Sequence 86, Appl	Sequence 8, Appl
c 112	1.5	561 13 US-10-027-632-282391	Sequence 282391, App	Sequence 441, APP
c 113	1.5	561 15 US-10-027-632-282391	Sequence 282391, App	Sequence 441, APP
c 114	1.5	577 18 US-10-468-498-252	Sequence 72725, A	Sequence 441, APP
c 115	1.5	578 16 US-10-422-599-72725	Sequence 6891, App	Sequence 441, APP
c 116	1.5	584 15 US-10-029-386-6891	Sequence 118078, App	Sequence 441, APP
c 117	1.5	596 18 US-10-425-115-18078	Sequence 264852, App	Sequence 441, APP
c 118	1.5	608 13 US-10-027-632-264852	Sequence 264852, App	Sequence 441, APP
c 119	1.5	608 15 US-10-027-632-264852	Sequence 93927, A	Sequence 441, APP
c 120	1.5	690 17 US-10-437-963-33927	Sequence 162462, App	Sequence 441, APP
c 121	1.5	717 13 US-10-027-632-162462	Sequence 162462, App	Sequence 441, APP
c 122	1.5	717 15 US-10-027-632-162462	Sequence 164462, App	Sequence 441, APP
c 123	1.5	718 13 US-10-425-115-144544	Sequence 144544, App	Sequence 441, APP
c 124	1.5	718 13 US-10-027-632-144544	Sequence 144544, App	Sequence 441, APP
c 125	1.5	718 15 US-10-027-632-144544	Sequence 144545, App	Sequence 441, APP
c 126	1.5	718 15 US-10-425-115-5050	Sequence 2505, App	Sequence 441, APP
c 127	1.5	758 18 US-10-027-632-325220	Sequence 325220, App	Sequence 441, APP
c 128	1.5	823 13 US-10-027-632-325220	Sequence 325220, App	Sequence 441, APP
c 129	1.5	823 15 US-10-027-632-125220	Sequence 325220, App	Sequence 441, APP
c 130	1.5	823 15 US-10-027-632-125220	Sequence 325447, App	Sequence 441, APP
c 131	1.5	823 15 US-10-027-632-125220	Sequence 325447, App	Sequence 441, APP
c 132	1.5	858 15 US-10-027-632-172936	Sequence 172936, App	Sequence 441, APP
c 133	1.5	858 15 US-10-027-632-172936	Sequence 6093, App	Sequence 441, APP
c 134	1.5	898 17 US-10-437-963-6003	Sequence 66666, A	Sequence 441, APP
c 135	1.5	944 16 US-10-424-519-66566	Sequence 124866, A	Sequence 441, APP
c 136	1.5	999 13 US-10-027-632-120486	Sequence 124866, App	Sequence 441, APP
c 137	1.5	999 15 US-10-027-632-120486	Sequence 80, Appl	Sequence 441, APP
c 138	1.5	1194 15 US-10-120-988-2168	Sequence 28115, A	Sequence 441, APP
c 139	1.5	1232 16 US-10-425-114-23115	Sequence 113002, A	Sequence 441, APP
c 140	1.5	1236 18 US-10-425-115-112002	Sequence 1261, App	Sequence 441, APP
c 141	1.5	1325 16 US-10-26-238-1261	Sequence 7, Appl	Sequence 441, APP
c 142	1.5	1374 16 US-10-881-179-7	Sequence 124866, App	Sequence 441, APP
c 143	1.5	1428 9 US-09-997-701-4	Sequence 8, Appl	Sequence 441, APP
c 144	1.5	1477 17 US-10-115-635-80	Sequence 8, Appl	Sequence 441, APP
c 145	1.5	1543 18 US-10-437-963-284822	Sequence 28122, A	Sequence 441, APP
c 146	1.5	1579 10 US-09-931-836-8	Sequence 8, Appl	Sequence 441, APP
c 147	1.5	1579 13 US-10-036-342-8	Sequence 441, App	Sequence 441, APP
c 148	1.5	1579 13 US-10-032-585-441	Sequence 441, App	Sequence 441, APP
c 149	1.5	1579 13 US-10-036-041-8	Sequence 8, Appl	Sequence 441, APP
c 150	1.5	1579 14 US-10-115-635-80	Sequence 441, App	Sequence 441, APP
c 151	1.5	1579 14 US-10-116-885-8	Sequence 441, App	Sequence 441, APP
c 152	1.5	1579 14 US-10-116-758-441	Sequence 441, App	Sequence 441, APP
c 153	1.5	1579 14 US-10-116-758-441	Sequence 441, App	Sequence 441, APP
c 154	1.5	1579 14 US-10-116-751-441	Sequence 441, App	Sequence 441, APP
c 155	1.5	1579 14 US-10-116-760-441	Sequence 441, App	Sequence 441, APP
c 156	1.5	1579 14 US-10-116-990-441	Sequence 441, App	Sequence 441, APP
c 157	1.5	1579 14 US-10-116-541-441	Sequence 441, App	Sequence 441, APP
c 158	1.5	1579 14 US-10-116-915-441	Sequence 441, App	Sequence 441, APP

DOCUMENTS

RESULT 3
US-10-043-649-1
; Sequence 1, Application US/10043649
; Publication No. US20030059924A1
; GENERAL INFORMATION:
; APPLICANT: Holland, Sacha J.
; APPLICANT: Mendenhall, Marcy K.
; APPLICANT: Pardo, Jorge
; APPLICANT: Spencer, Collin
; APPLICANT: Fu, C. Alan
; APPLICANT: Luo, Ying
; APPLICANT: Payan, Donald G.
; APPLICANT: Mancebo, Helena S.Y.
; APPLICANT: Wu, Jun
; APPLICANT: Zhou, Xiulan
; APPLICANT: Shen, Mary
; APPLICANT: Liao, X. Charlene
; APPLICANT: Sheng, Ning
; TITLE OF INVENTION: Cloning of a No. US20030059924A1 Inhibitor of Antigen-receptor
; FILE REFERENCE: A 70219.1/RMS/DIR
; CURRENT APPLICATION NUMBER: US/10/043, 649
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/260, 953
; PRIOR FILING DATE: 2001-01-10
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
; LENGTH: 786
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(786)
; OTHER INFORMATION:
US-10-043-649-1

Query Match 62.1%; Score 735; DB 14; Length 786;
Best Local Similarity 99.9%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
Matches 785; Conservative 0; Mismatches 1; Indels 1; Gaps 0;

Qy 398 ATGGGAGTCTGCCAGAGAGAAATTCTGCCAAGCCCAAGCTTGAGTTCTCGTC 457
Db 1 ATGGGAGTCTGCCAGAGAGAAATTCTGCCAAGCCCAAGCTTGAGTTCTCGTC 60

Qy 458 CAAGGCCAGGACCTGTGACATGGAGCAAAGCCAGCCTGCCGCTG 517
Db 61 CAAGGCCAGGACCTGTGACATGGAGCAAAGCCAGCCTGCCGCTG 120

Qy 518 GCGAGTTCCGGCAATGGCGGAGACTGGCGGAGGAACTCGGGAGCATGACC 577
Db 121 GCGAGTTCCGGCAATGGCGGAGACTGGCGGAGGAACTCGGGAGCATGACC 180

Qy 578 ATCGTCTCTGGGATGAGCTGTGAGCTGCTGAGTCTAGGGAGAGAGAT 637
Db 181 ATCGTCTCTGGGATGAGCTGTGAGCTGCTGAGTCTAGGGAGAGAGAT 240

Qy 638 AACATCCCAGGCTTCAAGTGGCAAAGTCTCCATGGTGGTATGAGGSCCTGAGC 697
Db 241 AACATCCCAGGCTTCAAGTGGCAAAGTCTCCATGGTGGTATGAGGSCCTGAGC 300

Qy 698 AGGGAGAAAGGAGGAGGAACTGGCTTACCTGGGAACCCCTGGGAGCTCCNATC 757
Db 301 AGGGAGAAAGGAGGAGGAACTGGCTTACCTGGGAACCCCTGGGAGCTCCNATC 360

Qy 758 CGGAGAGCCAGGAGGAGGAGGAACTGGCTTACCTGGGAACCCCTGGGAGCTCCNATC 817
Db 361 CGGGAGAGCCAGGAGGAGGAACTGGCTTACCTGGGAACCCCTGGGAGCTCCNATC 420

Qy 818 TCCGGGACGGATGAGCCTACAGGATCCACTGGCTGCAATGGCTGACATC 877
Db 421 TCCGGGACGGATGACAATGGCTGCAATGGCTGACATC 480

Qy 878 TCACCGGGCTCACCTCCCTCACCTCCGCTGCAAGGGCTTGGGACCATTA
Db 481 TAACCGGGCTCACCTCCCTCACCTCCGCTGCAAGGGCTTGGGACCATTA
Qy 938 GATGACATCNGCTGCCTACTCAAGGAGCCCTGTCAGAGGCTGCAAGGGCT
Db 541 GATGACATCNGCTGCCTACTCAAGGAGCCCTGTCAGAGGCTGCAAGGGCT
Qy 998 GGCAAGATAATCCCTACCTGTGAGGACACACTGAAAGAGCTG 1057
Db 601 GGCAAGATAATCCCTACCTGTGAGGACACACTGAAAGAGCTG 660

Qy 1058 GACAGCTCCCTCCCTCTTCTGAAGGTCTCTGATGATGAGGCTCAGTGGGGT 1117
Db 661 GACAGCTCCCTCCCTTCTGAAGGTCTCTGATGAGGCTCAGTGGGGT 720

Qy 1118 CTCCGGAGTCCCTCCCTGAGCTCTACATGAGGGCTCTCTGATGATGAGGCTCAGTGGGGT 1177
Db 721 CTCCGGAGTCCCTCCCTGAGCTCTACATGAGGGCTCTCTGATGATGAGGCTCAGTGGGGT 780

RESULT 4
US-10-432-746A-4
; Sequence 4, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432, 746A
; CURRENT FILING DATE: 2003-05-27
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324, 663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 786
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-432-746A-4

Query Match 62.1%; Score 735; DB 17; Length 786;
Best Local Similarity 99.9%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
Matches 785; Conservative 0; Mismatches 1; Indels 1; Gaps 0;

Qy 398 ATGGGAAAGTCTGCCAGAGAGAAATTCTGCCAAGCCCAAGCTTGAGTTCTCGTC 457
Db 1 ATGGGAAAGTCTGCCAGAGAGAAATTCTGCCAAGCCCAAGCTTGAGTTCTCGTC 60

Qy 458 CAAGGCCAGGACCTGTGACATGGAGCAAAGCCAGCCTGCCGCTG 517
Db 61 CAAGGCCAGGACCTGTGACATGGAGCAAAGCCAGCCTGCCGCTG 120

Qy 518 GCGACTTCCGGAGGCTGTGAGCTGCTGAGTCTAGGGAGAGAGAT 637
Db 121 GCGACTTCCGGAGGCTGTGAGCTGCTGAGTCTAGGGAGAGAGAT 240

Qy 578 ATCGTCTCTGGGATGAGCTGTGAGCTGCTGAGTCTAGGGAGAGAGAT 697
Db 181 ATCGTCTCTGGGATGAGCTGTGAGCTGCTGAGTCTAGGGAGAGAGAT 240

Qy 638 AACATCCCAGGCTTCAAGTGGCAAAGTCTCCATGGTGGTATGAGGSCCTGAGC 697
Db 241 AACATCCCAGGCTTCAAGTGGCAAAGTCTCCATGGTGGTATGAGGSCCTGAGC 300

Qy 698 AGGGAGAAAGGAGGAGGAACTGGCTTACCTGGGAACCCCTGGGAGCTCCNATC 757
Db 301 AGGGAGAAAGGAGGAACTGGCTTACCTGGGAACCCCTGGGAGCTCCNATC 360

Qy 758 ATCGTCTCTGGGAGGACTGTGCTTACCTGGGAACCCCTGGGAGCTCCNATC 637
Db 181 ATCGTCTCTGGGAGGACTGTGCTTACCTGGGAACCCCTGGGAGCTCCNATC 240

Qy 818 AACATCCCAGGCTTCAAGTGGCAAAGTCTCCATGGTGGTATGAGGSCCTGAGC 817
Db 361 CGGGAGAGCCAGGAGGAGGAACTGGCTTACCTGGGAACCCCTGGGAGCTCCNATC 420

Qy 878 AACATCCCAGGCTTCAAGTGGCAAAGTCTCCATGGTGGTATGAGGSCCTGAGC 697

NAME/KEY: misc_feature ;
 LOCATION: 1, 2, 3, 32, 862, 863, 864 ;
 OTHER INFORMATION: n = A,T,C or G ;
 US-09-814-353-21302

	Query	Match	Score	DB	Length
	QY	61.2% ; Best Local Similarity 99.9% ; Matches 74; Conservative 0 ; Mismatch 0 ; Pred. No. 0 ; Indels 1 ; Gaps 0 ;	724 ;	DB 10 ;	864 ;
	QY	2 GCTAGAGTCAGGACCCAGCCTGTTACTCGTCAAGTCCTCATGGGCTTGAC 300	Db		
	QY	698 AGGGAGAAGCCAGAGGAACCTGTTACTCGTCAAGTCCTCATGGGCTTGAC 757			
	Db	301 AGGGAGAAGCCAGAGGAACCTGTTACTCGTCAAGTCCTCATGGGCTTGAC 360			
	QY	758 CGGGAGAAGCCAGAGGAACCTGTTACTCGTCAAGTCCTCATGGGCTTGAC 817			
	Db	361 CGGGAGAAGCCAGAGGAACCTGTTACTCGTCAAGTCCTCATGGGCTTGAC 420			
	QY	818 TCCCTGGACGGATCAGACACTACAGGATCCACTGCCTTGACATGCTGACATC 877			
	Db	421 TCCCTGGACGGATCAGACACTACAGGATCCACTGCCTTGACATGCTGACATC 480			
	QY	878 TCACCGGCCCTACCTTCCCTACTCCAGGACCTGTTGACATGCTGACATC 937			
	Db	481 TCACCGGCCCTACCTTCCCTACTCCAGGACCTGTTGACATGCTGACATC 540			
	QY	938 GATGACATCTGCTGCTGCTTAACAGGAGCCCTGTGTCCCTGAGGGCTGCTCT 997			
	Db	541 GATGACATCTGCTGCTGCTTAACAGGAGCCCTGTGTCCCTGAGGGCTGCTCT 600			
	QY	998 GGCAAGGATAAACCCCTACTCTGACTGTGACTGTGCAAGGGACCCACTAAC 1057			
	Db	601 GGCAAGGATAAACCCCTACTCTGACTGTGACTGTGCAAGGGACCCACTAAC 660			
	QY	1058 GACAGCTCCCTCTGTTCTGAAGCTGCCAACAGGGAGGTCTCTCACTGAGGGT 1117			
	Db	661 GACAGCTCCCTCTGTTCTGAAGCTGCCAACAGGGAGGTCTCTCACTGAGGGT 720			
	QY	1118 CTCGGGGATCCCTGACTTACATCTGACTGTGACTGTGCAAGGACCACTAAC 1177			
	Db	721 CTCGGGGATCCCTGACTTACATCTGACTGTGACTGTGCAAGGACCACTAAC 780			
	QY	1178 GCCTAG 1183			
	Db	781 GCCTAG 786			

RESULT 5
 US-09-814-353-21302
 Sequence 21302, Application US/09814353
 Publication No. US20030165831A1.

GENERAL INFORMATION:
 APPLICANT: Lee, John
 APPLICANT: Thompson, Pamela
 APPLICANT: Lillie, James
 TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND TREATMENT OF OVARIAN CANCER

TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND TREATMENT OF OVARIAN CANCER

FILE REFERENCE: MRL-006B
 CURRENT APPLICATION NUMBER: US/09-814-353
 CURRENT FILING DATE: 2001-03-21
 PRIOR APPLICATION NUMBER: US 60/191, 031
 PRIOR FILING DATE: 2000-03-21
 PRIOR APPLICATION NUMBER: US 60/207, 124
 PRIOR FILING DATE: 2000-05-25
 PRIOR APPLICATION NUMBER: US 60/211, 940
 PRIOR FILING DATE: 2000-06-15
 PRIOR APPLICATION NUMBER: US 60/216, 820
 PRIOR FILING DATE: 2000-07-07
 PRIOR APPLICATION NUMBER: US 60/220, 661
 LENGTH: 864
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:

RESULT 6
 US-09-867-550-953
 Sequence 953, Application US/09867550
 Patent No. US20030082206A1
 GENERAL INFORMATION:
 APPLICANT: Leach, Martin D.
 APPLICANT: Mehraban, Puad,
 APPLICANT: Conley, Pamela
 APPLICANT: Law, Debbie
 APPLICANT: Topper, James
 TITLE OF INVENTION: No. US20030082206A1 Polynucleotides from Atherogenic Cells and

TITLE OF INVENTION: Thereby
 FILE REFERENCE: 214,02-013 (Cura-313)
 CURRENT APPLICATION NUMBER: US 09/867,550
 CURRENT FILING DATE: 2001-09-20
 PRIOR APPLICATION NUMBER: USSN 60/208,427
 PRIOR FILING DATE: 2000-05-30
 NUMBER OF SEQ ID NOS: 2125
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 953
 LENGTH: 763
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-867-550-953

Query Match 55.5%; Score 657; DB 9; Length 763;
 Best Local Similarity 99.7%; Pred. No. 0;
 Matches 757; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 117 GGAGCATGGGCAGCTGATCCATCCTGTACAACACTGTGACTGAGACAGATGCTG 176
 Db 5 GGAGATGGGAGCTGATCCATCCTGTACAACACTGTGAGACAGATGCTG 64

Query Match 40.8%; Score 483; DB 17; Length 737;
 Best Local Similarity 99.8%; Pred. No. 3.4e-240;
 Matches 533; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 398 ATGGGAAGCTGCCCCAGCACAGAAATCTGCCAAAGCCAAAGCTTGA GTTCCCTCTGTC 457
 Db 1 ATGGAAAGCTGCCCCAGCACAGAAATCTGCCAAAGCCAAAGCTTGA GTTCCCTCTGTC 60

Query Match 40.8%; Score 483; DB 17; Length 737;
 Best Local Similarity 99.8%; Pred. No. 3.4e-240;
 Matches 533; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 458 CAAGGCCAGGACCTGTGACCATGGAAAGCAAGGCCACAGCGTGCCTG 517
 Db 61 CAAGGCCAGGACCTGTGACCATGGAAAGCAAGGCCACAGCGTGCCTG 120

Query Match 40.8%; Score 483; DB 17; Length 737;
 Best Local Similarity 99.8%; Pred. No. 3.4e-240;
 Matches 533; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 518 GGCACTTTCGGGAGGTTGGGAGCTGGCTGAGCTGGGAGCCATTGACC 577
 Db 121 GGCACTTTCGGGAGGTTGGGAGCTGGCTGAGCTGGGAGCCATTGACC 180

Query Match 40.8%; Score 483; DB 17; Length 737;
 Best Local Similarity 99.8%; Pred. No. 3.4e-240;
 Matches 533; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 578 ATCGTCTCTGAGGATGGAGACTGGTGGAGGGTGTGCTGAGTCAGGAGAGAT 637
 Db 181 ATCGTCTCTGAGGATGGAGACTGGTGGAGGGTGTGCTGAGTCAGGAGAGAT 240

Query Match 40.8%; Score 483; DB 17; Length 737;
 Best Local Similarity 99.8%; Pred. No. 3.4e-240;
 Matches 533; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 638 AACATCCCAGGTCACCTGGAAAGTCCTCCATGGTGGCTATAGGGCTGAGC 697
 Db 241 AACATCCCAGGTCACCTGGCAAAAGTCCTCCATGGTGGCTATAGGGCTGAGC 300

Query Match 40.8%; Score 483; DB 17; Length 737;
 Best Local Similarity 99.8%; Pred. No. 3.4e-240;
 Matches 533; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 698 AGGGAAAGCAGGAGGAAGCTGCTGTTACCTGGAAACCTGAGGAACTCTCATC 757
 Db 301 AGGAGAAAGCAGGAGGAAGCTGCTGTTACCTGGAAACCTGAGGAACTCTCATC 360

Query Match 40.8%; Score 483; DB 17; Length 737;
 Best Local Similarity 99.8%; Pred. No. 3.4e-240;
 Matches 533; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 758 CGGGAGGCCAGACAGGAGGGCTTACTCTGTCAGTCCGCTCTGAGTCAGTCCGCTCTGCA 817
 Db 361 CGGGAGGCCAGACAGGAGGGCTTACTCTGTCAGTCCGCTCTGAGTCAGTCCGCTCTGCA 420

Query Match 40.8%; Score 483; DB 17; Length 737;
 Best Local Similarity 99.8%; Pred. No. 3.4e-240;
 Matches 533; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 818 TCCRGAGCCGATGACACTAGGATGACATGGTGTGACTGTTGATACATC 877
 Db 421 TCCRGAGCCGATGACACTAGGATGACATGGTGTGACTGTTGATACATC 480

Query Match 40.8%; Score 483; DB 17; Length 737;
 Best Local Similarity 99.8%; Pred. No. 3.4e-240;
 Matches 533; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 878 TCACGGCCTCTCACTTCCCTCACTCCGGGACCCATTACTCTGAG 931
 Db 481 TCACGGCCTCTCACTTCCCTCACTCCGGGACCCATTACTCTGAG 534

RESULT 8
 US-10-115-635-120
 Sequence 120; Application US 10115635
 ; Publication No. US2004013/434A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Tang, Y.; Tom
 ; APPLICANT: Zhou, Ping
 ; APPLICANT: Goodrich, RyLe
 ; APPLICANT: Liu, Chenghua
 ; APPLICANT: Abundi, Vinod
 ; APPLICANT: Ren, Feiyun

APPLICANT: Zhang, Jie
 APPLICANT: Zhao, Qing A.
 APPLICANT: Xue, Aidiang J.
 APPLICANT: Yang, Yonghong
 APPLICANT: Wehrman, Tom
 APPLICANT: Drmanac, Radivoje T.
 TITLE OF INVENTION: Novel Nucleic Acids and Polypeptides
 FILE REFERENCE: 797CON
 CURRENT APPLICATION NUMBER: US/10/115,635
 PRIOR APPLICATION NUMBER: 2002-04-03
 PRIOR FILING DATE: 2000-11-17
 NUMBER OF SEQ ID NOS: 362
 SOFTWARE: pc_FL_genes Version 2.0
 SEQ ID NO: 120
 LENGTH: 1413
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (54) .. (686)
 US-10-115-635-120

Query Match 39 6%; Score 468; DB 17; Length 1413;
 Best Local Similarity 99.6%; Pred: No. 1.9e-232; Indels 0; Gaps 0;
 Matches 568; Conservative 0; Mismatches 0;

Qy 345 TGACAAACCAATTCCCTCCATGATGTGGCTTCAGAGTGGAAATGGAA 404
 Db 1 TGACAAACCAATTCCCTCCATGATGTGGCTTCAGAGTGGAAATGGAA 60

Qy 405 GTCAGCCAGAGAACAAATTCTCGCAAGCCAAAGCTGAGTTCTCTGTCAAGGC 464
 Db 61 GTCAGCCAGAGAACAAATTCTCGCAAGCCAAAGCTGAGTTCTCTGTCAAGGC 120

Qy 465 AGGGACCTGTGACCATGAAGCAGAGAACAGCCAAAGCTGAGTTCTCTGTCAAGGC 524
 Db 121 AGGGACCTGTGACCATGAAGCAGAGAACAGCCAAAGCTGAGTTCTCTGTCAAGGC 180

Qy 525 TCCGGGAAAGGGCGCCGGAGCTTCGCTGAGACTCGGGAGCCATGGCATCTGGTCT 584
 Db 181 TCCGGGAAAGGGCGCCGGAGCTTCGCTGAGACTCGGGAGCCATGGCATCTGGTCT 240

Qy 585 CTAGGGTGGAGACTGTGGGAAAGCTGGTGTGAGCTTGAGGTTACATCC 644
 Db 241 CTGAGGGTGGAGACTGTGGGAAAGCTGGTGTGAGCTTGAGGTTACATCC 300

Qy 645 CCAGCGTCAACGTGGGAAAGCTCCATGGTGTGAGCTTGAGGTTACATCC 704
 Db 301 CCAGCGTCAACGTGGGAAAGCTCCATGGTGTGAGCTTGAGGTTACATCC 360

Qy 705 AAGGAGAGGAACCTGCTGTGTTACCTGGGACCCCTCTCATCCGGAGA 764
 Db 361 AAGGAGGAACCTGCTGTGTTACCTGGGACCCCTCTCATCCGGAGA 420

Qy 765 GCCAGACAGGAGGGCTTACTCTGTCAGTCCCCTAGGCCCTCTGATCTGGG 824
 Db 421 GCCAGACAGGAGGGCTTACTCTGTCAGTCCCCTAGGCCCTCTGATCTGGG 480

Qy 825 ACCGGATCGACACTACAGGATCCACTCCITGACAATGCTGCTACACCGC 884
 Db 481 ACCGGATCGACACTACAGGATCCACTCCITGACAATGCTGCTACACCGC 540

Qy 885 GCGTCACTTCCCTCACTCCAGGCCCTGG 914
 Db 541 GCGTCACTTCCCTCACTCCAGGCCCTGG 570

RESULT 10
 Db 301 CCAGCGTCAACGTGGGAAAGCTCCATGGTGTGAGCTTGAGGTTACATCC 360
 Qy 705 AAGGAGAGGAACCTGCTGTGTTACCTGGGACCCCTCTCATCCGGAGA 764
 Db 361 AAGGAGGAACCTGCTGTGTTACCTGGGACCCCTCTCATCCGGAGA 420
 Qy 765 GCCAGACAGGAGGGCTTACTCTGTCAGTCCCCTAGGCCCTCTGATCTGGG 824
 Db 421 GCCAGACAGGAGGGCTTACTCTGTCAGTCCCCTAGGCCCTCTGATCTGGG 480
 Qy 825 ACCGGATCGACACTACAGGATCCACTCCITGACAATGCTGCTACACCGC 884
 Db 481 ACCGGATCGACACTACAGGATCCACTCCITGACAATGCTGCTACACCGC 540
 Qy 885 GCGTCACTTCCCTCACTCCAGGCCCTGG 914
 Db 541 GCGTCACTTCCCTCACTCCAGGCCCTGG 570

RESULT 9
 US-09-867-550-951
 Sequence 951, Application US/09867550
 Patent No. US20020082206A1

GENERAL INFORMATION:
 APPLICANT: Leach, Martin D.
 APPLICANT: Mehraban, Fuad
 APPLICANT: Conley, Pamela
 APPLICANT: Law, Debbie
 APPLICANT: Topper, James
 TITLE OF INVENTION: Novel Polynucleotides from Atherogenic Cells and Polypeptides
 FILE REFERENCE: 21402-013 (Cura-313)
 CURRENT APPLICATION NUMBER: US/09/867,550
 CURRENT FILING DATE: 2001-09-20
 PRIORITY NUMBER: US/09/867,550
 PRIORITY FILING DATE: 2000-05-30
 NUMBER OF SEQ ID NOS: 2125
 SOFTWARE: FastSBQ for Windows Version 4.0
 SEQ ID NO: 951
 LENGTH: 444
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-867-550-951

Query Match 29 4%; Score 348; DB 9; Length 444;
 Best Local Similarity 100.0%; Pred: No. 5e-170;
 Matches 348; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 242 CCTAGGACCAGGAGCACCTGGCAGACTCCAGAAGGCCCTAACCTGTCCAG 301
 Db 1 CCTAGGACCAGGAGCACCTGGCAGACTCCAGAAGGCCCTAACCTGTCCAG 60

Qy 302 CCAGAGCATGGCTCTAGAGAGCTGCTTCAGAGCTGCTTCAGAACAACCCATTTC 361
 Db 61 CCAGAGCATGGCTCTAGAGCTGCTTCAGAACAACCCATTTCAGAACACCATTTCC 120

Qy 362 TCGATGATGTCCTCTGAGTGAGTCCTCTGAGTCCTCTGAGAACATGGAA 421
 Db 121 TCGATGATGTCCTCTGAGTCCTCTGAGTCCTCTGAGAACATGGAA 180

Qy 422 AAATCTGTGCAAGCCAAAGCTGACTTCCTCTGTCAGGCCAGGACCTGTGACCATG 481
 Db 181 AAATCTGTGCAAGCCAAAGCTGACTTCCTCTGTCAGGCCAGGACCTGTGACCATG 240

Qy 482 GAAGCAGAGAACAGGAGGCCACGCCGTCGCCCTGGCAAGTTCGGCAGGNGCCCG 541
 Db 241 GAAGCAGAGAACAGGAGGCCACGCCGTCGCCCTGGCAAGTTCGGCAGGNGCCCG 300

Db 301 GCGGAGCTGTGGCTGAGCTGGGAACTGGGGCCTGAGCTGGGAACTGGGG 589

RESULT 10
 Sequence 1915, Application US/09867550
 Patent No. US20020082206A1
 GENERAL INFORMATION:
 APPLICANT: Leach, Martin D.
 APPLICANT: Mehraban, Fuad
 APPLICANT: Conley, Pamela
 APPLICANT: Law, Debbie
 APPLICANT: Topper, James
 TITLE OF INVENTION: Novel Polynucleotides from Atherogenic Cells and Polypeptides
 FILE REFERENCE: 21402-013 (Cura-313)
 CURRENT APPLICATION NUMBER: US/09/867,550
 CURRENT FILING DATE: 2001-09-20
 PRIORITY NUMBER: US/09/867,550
 PRIORITY FILING DATE: 2000-05-30
 NUMBER OF SEQ ID NOS: 2125
 SOFTWARE: FastSBQ for Windows Version 4.0
 SEQ ID NO: 951
 LENGTH: 875
 TYPE: DNA
 ORGANISM: Homo sapiens

FEATURE:
 / misc_feature
 LOCATION: (1)
 OTHER INFORMATION: Wherein n is one of a or t or c or g

Query Match 28.8%; Score 341; DB 9; Length 875;
 Best Local Similarity 100.0%; Pred. No. 2e-166;
 Matches 341; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 843 GGATCCACTGCTTGCACATGGCTGACATCTCACCGGCTCACCTCCCTCAC 902
 Db 2 GGATCCACTGCTTGCACATGGCTGACATCTCACCGGCTCACCTCCCTCAC 61

Qy 903 TCCAGGCCCTGTGGACCAATTACTCTGAGCTGGGATGACATCYGCTGCTGACTCAAGG 962
 Db 62 TCCAGGCCCTGTGGACCAATTACTCTGAGCTGGGATGACATCYGCTGCTGACTCAAGG 121

Qy 963 AGCCCTGTCTGCTGAGGCTGGCAGGCTGGCTCCCTGAGATAACCCCTACTCTGAGA 1022
 Db 122 AGCCCTGTCTGCTGAGGCTGGCAGGCTGGCTCCCTGAGATAACCCCTACTCTGAGA 181

Db 1023 CTGTGAGAGGACACCATCAACTGGAAAGAGCTGGACACTCCCTCTCTGAAG 1082
 Qy 182 CTGTGAGAGGACACCATCAACTGGAAAGAGCTGGACACTCCCTCTCTGAAG 241

Qy 1083 CTGCAACAGGGAGGGAGGTCTTCAGTAGGGGTCTCCGGAGTCCTCAGCTCTACA 1142
 Db 242 CTGCCACAGGGAGGGAGGTCTTCAGTAGGGGTCTCCGGAGTCCTCAGCTCTACA 301

Qy 1143 TCAGCCTGATAATGACGGGCTGCTCTTGGATGATGATGCTCTAG 11.83
 Db 302 TCAGCCTGATAATGACGGGCTGCTCTTGGATGATGCTCTAG 34.2

RESULT 11
 US-09-864-761-2829
 Sequence 2829, Application US/09864761
 Patent No. US20020048763A1

GENERAL INFORMATION:
 APPLICANT: Penn, Sharron G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Weisheng
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 FILE REFERENCE: Aemlica-X-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30

RESULT 12
 US-09-864-761-15513
 Sequence 15513, Application US/09864761
 Patent No. US20020048763A1

GENERAL INFORMATION:
 APPLICANT: Penn, Sharron G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Weisheng
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 FILE REFERENCE: Aemlica-X-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO: 15513
; LENGTH: 448
; TYPE: DNA
; ORGANISM: Homo sapiens
FEATURE:
; OTHER INFORMATION: MAP TO AL031662.24
; Best Local Similarity 100.0%; Pred. No. 7.5e-59;
; Matches 134; Conservative 0; Mismatches 0; Gaps 0;
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 3.1
; US-09-864-761-15513

Query Match 11.3%; Score 134; DB 9; Length 448;
Best Local Similarity 100.0%; Pred. No. 7.5e-59;
Matches 134; Conservative 0; Mismatches 0; Gaps 0;

Qy 929 GAGCTGGGAGACATCTGTGCTACTCAGGAGCCCTGTCAGGGCTGC 988
Db .286 GAGCTGGGAGACATCTGTGCTACTCAGGAGCCCTGTCAGGGCTGC 345
Qy 989 CGGCTCCCTGCCAGGATAACCCCTACCTGACTGTGAGGACACCACTG 1048
Db .346 CGGCTCCCTGCCAGGATAACCCCTACCTGACTGTGAGGACACCACTG 405
Qy 1049 AAGAGCTGGACAG 1062
Db .406 AAGAGCTGGACAG 419

Query Match 8.1%; Score 96; DB 9; Length 96;
Best Local Similarity 100.0%; Pred. No. 5e-39;
Matches 96; Conservative 0; Mismatches 0; Gaps 0;

Qy 967 CTGTTCTGAGGCTGGCGTCCCTGGCAAGGATAACCCCTACCTGTGACTGT 1026
Db 1 CTGTTCTGAGGCTGGCGTCCCTGGCAAGGATAACCCCTACCTGTGACTGT 60

Qy 1027 GCAGGAACCACTCACTGAAAGAGCTGACAG 1062
Db 61 GCAGGGACCACTCACTGAAAGAGCTGACAG 96

RESULT 14
US-09-964-761-19612
; Sequence 19612, Application US/09864761
; Patent No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wanshang
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aeonica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26

RESULT 14
US-09-864-353-17314
; Sequence 17314, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Lee, John

APPLICANT: Thompson, Pamela
 / APPLICANT: Lillie, James
 / TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
 / TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
 / TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
 / FILE REFERENCE: MRI-006B
 / CURRENT APPLICATION NUMBER: US/09/814,353
 / PRIOR APPLICATION NUMBER: US 60/191,031
 / PRIOR FILING DATE: 2000-03-21
 / PRIOR APPLICATION NUMBER: US 60/191,031
 / PRIOR FILING DATE: 2000-03-21
 / PRIOR APPLICATION NUMBER: US 60/207,124
 / PRIOR FILING DATE: 2000-05-15
 / PRIOR APPLICATION NUMBER: US 60/211,940
 / PRIOR FILING DATE: 2000-06-15
 / PRIOR APPLICATION NUMBER: US 60/216,820
 / PRIOR FILING DATE: 2000-07-07
 / PRIOR APPLICATION NUMBER: US 60/220,661
 / PRIOR FILING DATE: 2000-07-25
 / PRIOR APPLICATION NUMBER: US 60/257,672
 / PRIOR FILING DATE: 2000-12-21
 / NUMBER OF SEQ ID NOS: 22037
 / SOFTWARE: FastSEQ for Windows Version 4.0
 / SEQ ID NO: 17314
 / LENGTH: 320
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / US-09-814-353-17314

Query Match 7.4%; Score 87; DB 10; Length 320;
 Best Local Similarity 100.0%; Pred. No. 2e-34;
 Matches 87; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 549 TGTCGCTGAGACTCGGGAGCCATGACCATGCTCTGGATTGAGACTGGTGACGG 608
 Db 103 TGTCGCTGAGACTCGGGAGCCATGACCATGCTCTGGATTGAGACTGGTGACGG 162

Qy 609 TGCTGTCTGAAGTCTCA 625
 Db 85 TGCTGTCTGAAGTCTCA 101

RESULT 15-
 US-09-814-353-4631
 / Sequence 4.631, Application US/09814353
 / Publication No. US20030165831A1
 / GENERAL INFORMATION:
 / APPLICANT: Lee, John
 / APPLICANT: Thompson, Pamela
 / TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
 / TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
 / TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
 / FILE REFERENCE: MRI-006B
 / CURRENT APPLICATION NUMBER: US/09/814,353
 / PRIOR APPLICATION NUMBER: US 60/191,031
 / PRIOR FILING DATE: 2000-03-21
 / PRIOR APPLICATION NUMBER: US 60/207,124
 / PRIOR FILING DATE: 2000-05-15
 / PRIOR APPLICATION NUMBER: US 60/211,940
 / PRIOR FILING DATE: 2000-06-15
 / PRIOR APPLICATION NUMBER: US 60/216,820
 / PRIOR FILING DATE: 2000-07-07
 / PRIOR APPLICATION NUMBER: US 60/220,661
 / PRIOR FILING DATE: 2000-07-25
 / PRIOR APPLICATION NUMBER: US 60/257,672
 / PRIOR FILING DATE: 2000-12-21
 / NUMBER OF SEQ ID NOS: 22037
 / SOFTWARE: FastSEQ for Windows Version 4.0
 / SEQ ID NO: 10930
 / LENGTH: 152
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / FEATURE:
 / NAME/KEY: misc_feature
 / LOCATION: 17, 102, 112
 / OTHER INFORMATION: n = A,T,C or G
 / US-09-814-353-10930

Query Match 6.5%; Score 77; DB 10; Length 152;
 Best Local Similarity 100.0%; Pred. No. 3.5e-29;
 Matches 77; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 549 TGTCGCTGAGACTCGGGAGCCATGACCATGCTCTGGATTGAGACTGGTGACGG 608
 Db 25 TGTCGCTGAGACTCGGGAGCCATGACCATGCTCTGGATTGAGACTGGTGACGG 84

Qy 609 TGCTGTCTGAAGTCTCA 625
 Db 85 TGCTGTCTGAAGTCTCA 101

RESULT 17
 US-10-432-746A-2
 / Sequence 2, Application US/10432746A

Publication No. US20040171537A1
 GENERAL INFORMATION:
 APPLICANT: McGlade, Jane
 APPLICANT: Loreto, Michael
 TITLE OF INVENTION: ADAPTER GENE
 FILE REFERENCE: 3477-102
 CURRENT FILING DATE: 2003-05-27
 PRIORITY APPLICATION NUMBER: US/10/432,746A
 PRIORITY FILING DATE: 2001-11-26
 PRIORITY APPLICATION NUMBER: PCT/CA01/016622
 PRIORITY FILING DATE: CA 2,324,663
 PRIORITY FILING DATE: 2000-11-27
 NUMBER OF SEQ ID NOS: 17
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 2
 LENGTH: 777
 TYPE: DNA
 ORGANISM: Mus musculus
 US-10-432-746A-2

Query Match 3.6%; Score 41; DB 17; Length 777;
 Best Local Similarity 100.0%; Pred. No. 1.3e-11;
 Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 740 GGAGGGGCCCTCCATCCGGAGGCCAGGAGGGCT 782
 Db 340 GGAGGGGCCPTCCATCCGGAGGCCAGGAGGGCT 382

RESULT 20
 US-10-432-746A-15/C
 Sequence 15, Application US/10432746A
 Publication No. US20040171537A1
 GENERAL INFORMATION:
 APPLICANT: McGlade, Jane
 APPLICANT: Loreto, Michael
 TITLE OF INVENTION: ADAPTER GENE
 FILE REFERENCE: 3477-102
 CURRENT FILING DATE: 2003-05-27
 PRIORITY APPLICATION NUMBER: PCT/CA01/016622
 PRIORITY FILING DATE: 2001-11-26
 PRIORITY APPLICATION NUMBER: CA 2,324,663
 PRIORITY FILING DATE: 2000-11-27
 NUMBER OF SEQ ID NOS: 17
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 15
 LENGTH: 25

Query Match 2.2%; Score 26; DB 11; Length 26;
 Best Local Similarity 100.0%; Pred. No. 0.014%;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 251 AAGGACACTGGCAGACTTCAGAGGG 276
 Db 26 AAGGACACTGGCAGACTTCAGAGGG 1

RESULT 21
 US-10-432-746A-16
 Sequence 16, Application US/10432746A
 Publication No. US20040171537A1
 GENERAL INFORMATION:
 APPLICANT: McGlade, Jane
 APPLICANT: Loreto, Michael
 TITLE OF INVENTION: ADAPTER GENE
 FILE REFERENCE: 3477-102
 CURRENT FILING DATE: 2003-05-27
 PRIORITY APPLICATION NUMBER: PCT/CA01/016622
 PRIORITY FILING DATE: 2001-11-26
 PRIORITY APPLICATION NUMBER: CA 2,324,663
 PRIORITY FILING DATE: 2000-11-27
 NUMBER OF SEQ ID NOS: 17
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 15
 LENGTH: 25

Query Match 2.1%; Score 25; DB 17; Length 25;
 Best Local Similarity 100.0%; Pred. No. 0.045%;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1159 GGCTGTCTCTTGGATGATGCCCTAG 1183
 Db 25 GGCTGTCTCTTGGATGATGCCCTAG 1

RESULT 22
 US-10-432-746A-17
 Sequence 17, Application US/10432746A
 Publication No. US20040171537A1
 GENERAL INFORMATION:
 APPLICANT: McGlade, Jane
 APPLICANT: Loreto, Michael
 TITLE OF INVENTION: ADAPTER GENE
 FILE REFERENCE: 3477-102
 CURRENT FILING DATE: 2003-05-27
 PRIORITY APPLICATION NUMBER: PCT/CA01/016622
 PRIORITY FILING DATE: 2001-11-26
 PRIORITY APPLICATION NUMBER: CA 2,324,663
 PRIORITY FILING DATE: 2000-11-27
 NUMBER OF SEQ ID NOS: 17
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 17
 LENGTH: 25

Query Match 3.6%; Score 43; DB 17; Length 1348;
 Best Local Similarity 100.0%; Pred. No. 1.2e-11;
 Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 740 GGAGGGGCCCTCCATGGAGAGCCAGGAGGCT 782
 Db 621 GGAGGGGCCCTCCATGGAGAGCCAGGAGGCT 663

RESULT 19
 US-09-939-853A-141/c
 Sequence 141, Application US/0939853A
 Publication No. US2004039163A1
 GENERAL INFORMATION:
 APPLICANT: Burgess et al.
 TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
 FILE REFERENCE: 21402-099
 CURRENT APPLICATION NUMBER: US/09/939, 053A
 CURRENT FILING DATE: 2001-08-27
 PRIORITY APPLICATION NUMBER: PCT/CA01/01662
 PRIORITY FILING DATE: 2000-08-25

PRIOR APPLICATION NUMBER: CA 2,324,663
PRIOR FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.2
SEQ ID NO: 16
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide pri
US-10-432-746A-16

Query Match 2.1%; Score 25
Best Local Similarity 100.0%; Pred. N
Matches 25; Conservative 0; Misma

Qy 773 AGGAGAGCTCTACTCTCTGCAG 79
Db 1 AGGAGAGCTCTACTCTCTGCAG 25

RESULT 22
US-10-432-746A-17/c
Sequence 17, Application US/10432746A
Publication No. US20040171537A1
GENERAL INFORMATION:
APPLICANT: McGlade, Jane
APPLICANT: Loreto, Michael
TITLE OF INVENTION: ADAPTER GENE
FILE REFERENCE: 3477.102
CURRENT APPLICATION NUMBER: US/10/432,7
CURRENT FILING DATE: 2003-05-27
PRIOR APPLICATION NUMBER: PCT/CA01/0166
PRIOR FILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: CA 2,324,663
PRIOR FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.2
SEQ ID NO: 17
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide pri
US-10-432-746A-17

Query Match 2.1%; Score 25
Best Local Similarity 100.0%; Pred. N
Matches 25; Conservative 0; Misma

Qy 1159 GGCTGTCTTGGATGATGGCTTAG 11
Db 1 ||||| ||||| ||||| |||||
 25 GGCTGTCTTGGATGATGGCTTAG 1

RESULT 23
US-10-432-746A-14
Sequence 14, Application US/10432746A
Publication No. US20040171537A1
GENERAL INFORMATION:
APPLICANT: McGlade, Jane
APPLICANT: Loreto, Michael
TITLE OF INVENTION: ADAPTER GENE
FILE REFERENCE: 3477.10
CURRENT APPLICATION NUMBER: US/10/432,7
CURRENT FILING DATE: 2003-05-27
PRIOR APPLICATION NUMBER: PCT/CA01/0166
PRIOR FILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: CA 2,324,663
PRIOR FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.2
SEQ ID NO: 14

```

/
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer
us-10-432-746A-14

Query Match Score 23; DB 17; Length 23;
Best Local Similarity 100.0%; Pred. No. 0.5;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 398 ATGGAACTCTGCCAGCAG 420
Db 1 ATGGAACTCTGCCAGCAG 23

RESULT 24
us-09-939-853A-142
Sequence 142, Application US/0939853A
Publication No. US20040039163A1
GENERAL INFORMATION:
APPLICANT: Burgess et al.
TITLE OF INVENTION: No. US20040039163A1. Proteins and Nucleic Acids Encoding Samm
FILE REFERENCE: 21402_099
CURRENT APPLICATION NUMBER: US/09/339, 853A
CURRENT FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: 60/228, 191
PRIOR FILING DATE: 2000-08-25
PRIOR APPLICATION NUMBER: 60/267, 300
PRIOR FILING DATE: 2001-02-08
PRIOR APPLICATION NUMBER: 60/269, 961
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 60/277, 337
PRIOR FILING DATE: 2001-03-20
NUMBER OF SEQ ID NOS: 159
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO: 142
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide primer
us-09-939-853A-142

Query Match Score 22; DB 11; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.7;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 224 TGAGAGATCTGGTGTCTTA 245
Db 1 TGAGAGATCTGGTGTCTTA 22

RESULT 25
us-10-062-674-2188/C
Sequence 2188, Application US/10062674
Publication No. US2004000559A1
GENERAL INFORMATION:
APPLICANT: Loring, Jeanne E.; Kaser, Matthew R.
TITLE OF INVENTION: MARKERS OF NEURONAL DIFFERENTIATION AND MORPHOGENESIS
FILE REFERENCE: PA-0026-1 CIP
CURRENT APPLICATION NUMBER: US/10/062, 674
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: US 09/625, 102
PRIOR FILING DATE: 2000-07-24
NUMBER OF SEQ ID NOS: 2217
SOFTWARE: PERL Program
SEQ ID NO: 2188
LENGTH: 7001
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:

```

```

; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20040005559A1 893157.1
; FEATURE: unsure
; LOCATION: (1) ... (701)
; OTHER INFORMATION: a, t, c, g, or other
US-10-062-674-2188
; LENGTH: 430
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: AC016673.3_64436
; FEATURE:
; OTHER INFORMATION: Located on chromosome 2
; FEATURE:
; OTHER INFORMATION: Distance between a terminus base of telomere on
; chromosome 2 and 3'-terminus of neighbour sequence of
; chromosome short arm and 5'-terminus of this base
; OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of
; chromosome short arm and 5'-terminus of this base sequence : 86039
US-10-674-124A-3306
; RESULT 26
; Query Match Score 21; DB 16; Length 701;
; Best Local Similarity 100.0%; Pred. No. 3.6;
; Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; SEQ ID NO: 3306
Qy 510 TGGCCCTGGAGATTCGG 530
Db 285 TGGCCCTGGAGATTCGG 265
; PUBLICATION NO. US20040039163A1
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1 Proteins and Nucleic Acids Encoding Same
; CURRENT APPLICATION NUMBER: US/09/939,853A
; FILE REFERENCE: 21402-099
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide primer
US-09-939-853A-140
; RESULT 26
; Query Match Score 20; DB 11; Length 20;
; Best Local Similarity 100.0%; Pred. No. 18;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; SEQ ID NO: 3306
Qy 282 CAANGCCCTAACCTGTCAG 301
Db 20 CAAACCCCTAACCTGTCAG 1
; PUBLICATION NO. US2004019779A1
; APPLICANT: INOKO, Hidetoshi
; TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
; TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
; FILE REFERENCE: ORIN-003CIP
; CURRENT APPLICATION NUMBER: US/10/674,124A
; CURRENT FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: 10/257,511
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: PCT/JP00/07621
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: JP2000-112699
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 32520
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 193852
; LENGTH: 611
; TYPE: DNA
; ORGANISM: Human
US-10-674-124A-3306/C
; Sequence 3316, Application US/10674124A
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
; TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
; FILE REFERENCE: ORIN-003CIP
; CURRENT APPLICATION NUMBER: US/10/674,124A
; CURRENT FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: 10/257,511
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: PCT/JP00/07621
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: JP2000-112699
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 32520
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 193852
; LENGTH: 611
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-195852
; Query Match Score 20; DB 13; Length 611;
; Best Local Similarity 100.0%; Pred. No. 12;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; SEQ ID NO: 193852
; LENGTH: 611
; TYPE: DNA
; ORGANISM: Human
Qy 256 CACTGGCAGACTTCCAGAAG 275
Db 503 CACTGGCAGACTTCCAGAAG 484

```

RESULT 29
US-10-027-632-195852/c
Publication No. US2003020407549
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827-129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SEQ ID NO: 195852
LENGTH: 611
TYPE: DNA
ORGANISM: Human
US-10-027-632-195852

Query Match 1.7%; Score 20; DB 13; Length 611;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 256 CACTGGAGACTCCAGAG 275
Db 503 CACTGGAGACTCCAGAG 484

RESULT 30
US-10-027-632-107077
Publication No. US2003020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827-129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SEQ ID NO: 142058
LENGTH: 672
TYPE: DNA
ORGANISM: Human
US-10-027-632-142058

Query Match 1.7%; Score 20; DB 13; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCGGGAGAGC 766
Db 71 CCTTCCTCATCGGGAGAGC 90

RESULT 31
US-10-027-632-142058
; Sequence 142058, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827-129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 142058
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-142058

Query Match 1.7%; Score 20; DB 13; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCGGGAGAGC 766
Db 71 CCTTCCTCATCGGGAGAGC 90

RESULT 32
US-10-027-632-142059
; Sequence 142059, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827-129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 107077
; LENGTH: 672
; TYPE: DNA

```

FILE REFERENCE: 10627-12
; CURRENT APPLICATION NUMBER: US 10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; SEQ ID NO: 142059
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-142059

Query Match 1.7%; Score 20; DB 13; Length 672;
Best Local Similarity 100.0%; Prod. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Software: FastSEQ for Windows Version 4.0
Seq ID NO: 142059
Length: 672

RESULT 33
US-10-027-632-142060
; Sequence 142060, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827-129
CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; SEQ ID NO: 142060
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-142060

Query Match 1.7%; Score 20; DB 13; Length 672;
Best Local Similarity 100.0%; Prod. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Software: FastSEQ for Windows Version 4.0
Seq ID NO: 142060
Length: 672

RESULT 34
US-10-027-632-107077
; Sequence 107077, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827-129
CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; SEQ ID NO: 142058
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-142058

Query Match 1.7%; Score 20; DB 15; Length 672;
Best Local Similarity 100.0%; Prod. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Software: FastSEQ for Windows Version 4.0
Seq ID NO: 142058
Length: 672

RESULT 35
US-10-027-632-142058
; Sequence 142058, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827-129
CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; SEQ ID NO: 142058
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-142058

Query Match 1.7%; Score 20; DB 15; Length 672;
Best Local Similarity 100.0%; Prod. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Software: FastSEQ for Windows Version 4.0
Seq ID NO: 142058
Length: 672

RESULT 36
US-10-027-632-142059
; Sequence 142059, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827-129
CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-09-28
; SEQ ID NO: 142059
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-142059

Query Match 1.7%; Score 20; DB 15; Length 672;
Best Local Similarity 100.0%; Prod. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Software: FastSEQ for Windows Version 4.0
Seq ID NO: 142059
Length: 672

```

```

Db    71 CCTTCCTCATCGGGAGGC 90
      LENGTH: 672
      ; TYPE: DNA
      ; ORGANISM: Human
      US-10-027-632-142060

RESULT 36
; Sequence 142059, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.1.9
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 142059
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-142059

Query Match          1.7%; Score 20; DB 15; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy    747 CCTTCCTCATCGGGAGGC 766
Db    71 CCTTCCTCATCGGGAGGC 90

RESULT 37
; Sequence 142060, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.1.9
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-08
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 142060
; LENGTH: 711
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-142060

Query Match          1.7%; Score 20; DB 13; Length 711;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy    747 CCTTCCTCATCGGGAGGC 766
Db    72 CCTTCCTCATCGGGAGGC 91

RESULT 38
; Sequence 142066, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.1.9
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-08
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 142066
; LENGTH: 711
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-142066

Query Match          1.7%; Score 20; DB 13; Length 711;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy    747 CCTTCCTCATCGGGAGGC 766
Db    71 CCTTCCTCATCGGGAGGC 90

RESULT 39
; Sequence 142066, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.1.9
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-08
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 142066
; LENGTH: 711
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-142066

```

PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 26286
 LENGTH: 711
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-26286

Query Match 1.7%; Score 20; DB 15; Length 711;
 Best Local Similarity 100.0%; Pred. No. 12;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCGGGAGGC 766
 Db 72 CTTCCCTATCGGGAGGC 91

RESULT 40
 US-10-260-238-640
 Sequence 640, Application US/10260238
 Publication No. US20040016025A1
 GENERAL INFORMATION:
 APPLICANT: Budworth, Paul R.
 APPLICANT: Moughamer, Todd G.
 APPLICANT: Brigger, Steven P.
 APPLICANT: Cooper, Bret
 APPLICANT: Glazebrook, Jane
 APPLICANT: Goff, Stephen A.
 APPLICANT: Katagiri, Fumiyoiki
 APPLICANT: Kreps, Joel
 APPLICANT: Provar, Nicholas
 APPLICANT: Rieke, Darrell
 APPLICANT: Zhu, Tong

TITLE OF INVENTION: PROMOTERS FOR REGULATION OF PLANT EXPRESSION
 FILE REFERENCE: 60:11-NP
 CURRENT APPLICATION NUMBER: US/10/260,238
 CURRENT FILING DATE: 2002-09-26
 PRIOR APPLICATION NUMBER: US 60/325,448
 PRIOR FILING DATE: 2001-09-26
 PRIOR APPLICATION NUMBER: US 60/325,277
 PRIOR FILING DATE: 2001-09-26
 PRIOR APPLICATION NUMBER: US 60/370,620
 PRIOR FILING DATE: 2002-04-04
 NUMBER OF SEQ ID NOS: 6077
 SEQ ID NO: 640
 LENGTH: 934
 TYPE: DNA
 FEATURE:
 NAME/KEY: N_region
 LOCATION: (622)..(622)
 OTHER INFORMATION: n = any nucleotide

OTHER INFORMATION: n = any nucleotide
 FEATURE:
 NAME/KEY: N_region
 LOCATION: (616)..(816)
 OTHER INFORMATION: n = any nucleotide
 US-10-260-238-640

Query Match 1.7%; Score 20; DB 16; Length 934;
 Best Local Similarity 100.0%; Pred. No. 12;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 538 CCCGGCCGAGCTGTGCTGA 557
 Db 421 CCCGCCGAGCTGTGCTGA 440

RESULT 41
 US-09-997-722-234
 Sequence 234, Application US/09997722
 Publication No. US20040072154A1
 GENERAL INFORMATION:
 APPLICANT: Morris, David
 APPLICANT: Engelhard, Eric
 TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
 FILE REFERENCE: A-71171/RMS/DCF
 CURRENT APPLICATION NUMBER: US/09/997,722
 CURRENT FILING DATE: 2001-11-30
 PRIOR APPLICATION NUMBER: US 09/747,377
 PRIOR FILING DATE: 2000-12-22
 PRIOR APPLICATION NUMBER: US 09/798,586
 PRIOR FILING DATE: 2001-03-02
 NUMBER OF SEQ ID NOS: 301
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 234
 LENGTH: 1530
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-997-722-234

Query Match 1.7%; Score 20; DB 11; Length 1530;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCGGGAGGC 766
 Db 449 CCTTCCTCATCGGGAGGC 468

RESULT 42
 US-10-437-963-39229
 Sequence 39229, Application US/10437963
 Publication No. US20040123343A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J.
 APPLICANT: Kovalic, David K.
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 APPLICANT: Wu, Wei
 APPLICANT: Boukharov, Andrey A.
 APPLICANT: Barbazut, Brad
 APPLICANT: Li, Ping
 TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Title of Invention: Plants and Uses Thereof for Plant Improvement
 TITLE OF INVENTION: 38-21(532)1B
 CURRENT APPLICATION NUMBER: US/10/437,963
 CURRENT FILING DATE: 2003-05-14
 NUMBER OF SEQ ID NOS: 204966
 SEQ ID NO: 39229
 LENGTH: 1636
 TYPE: DNA
 ORGANISM: Oryza sativa
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT4530_42790C.1
 US-10-437-963-39229

Query Match 1.7%; Score 20; DB 17; Length 1636;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 538 CCCGGCCGAGCTGTGCTGA 557
 Db 821 CCCGCCGAGCTGTGCTGA 840

RESULT 48
 TITLE OF INVENTION: MODULATION OF LCK EXPRESSION
 FILE REFERENCE: RTS-0344
 CURRENT APPLICATION NUMBER: US10/316,515
 CURRENT FILING DATE: 2002-12-10
 NUMBER OF SEQ ID NOS: 76
 SEQ ID NO 4
 LENGTH: 2032
 TYPE: DNA
 ORGANISM: H. sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (52) ... (1581)
 US-10-316-515-4

Query Match Score 1.7%; DB 17; Length 2032;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCGGGAGGC 766
 Db 500 CCTTCCTCATCGGGAGGC 519

RESULT 49
 US-09-805-020-3
 Sequence 3, Application US/09805020
 Publication No. US20020086384A1
 GENERAL INFORMATION:
 APPLICANT: LEVINE, Zurit
 TITLE OF INVENTION: SPLICER VARIANTS OF ONCOGENES
 FILE REFERENCE: 2786_0168P
 CURRENT APPLICATION NUMBER: US/09/805,020
 CURRENT FILING DATE: 2001-03-13
 NUMBER OF SEQ ID NOS: 72
 SEQ ID NO 3
 LENGTH: 2034
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE: misc_feature
 NAME/KEY: n...
 LOCATION: (1)...(234)
 OTHER INFORMATION: any n = a,c,g,t any unknown or other
 US-09-805-020-3

Query Match Score 1.7%; DB 9; Length 2034;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCGGGAGGC 766
 Db 562 CCTTCCTCATCGGGAGGC 581

RESULT 51
 US-10-316-515-75
 Sequence 75, Application US/10316515
 Publication No. US20040116365A1
 GENERAL INFORMATION:
 APPLICANT: Alexander H. Borchers
 TITLE OF INVENTION: MODULATION OF LCK EXPRESSION
 FILE REFERENCE: RTS-0344
 CURRENT APPLICATION NUMBER: US/10/316,515
 CURRENT FILING DATE: 2002-12-10
 NUMBER OF SEQ ID NOS: 76
 SEQ ID NO 75
 LENGTH: 2129
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (60)...(1151)
 US-10-316-515-75

Query Match Score 1.7%; DB 17; Length 2129;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCGGGAGGC 766
 Db 508 CCTTCCTCATCGGGAGGC 527

RESULT 52
 US-10-305-720-1452
 Sequence 1452, Application US/10305720
 Publication No. US2004010136A1
 GENERAL INFORMATION:
 APPLICANT: Au Young, Janice K.; Seilhamer, Jeffrey J.
 TITLE OF INVENTION: Composition for the Detection of Signaling Pathway Gene Expression
 FILE REFERENCE: PA-0002-1 CON
 CURRENT APPLICATION NUMBER: US/10/305,720
 CURRENT FILING DATE: 2002-11-26
 PRIORITY: Application Number: 09/016,434
 PRIOR FILING DATE: 1998-01-30
 NUMBER OF SEQ ID NOS: 1490
 SOFTWARE: PERL program
 SEQ ID NO 1452
 LENGTH: 2129
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 OTHER INFORMATION: GenBank ID No. US2004010136A1 g775207
 US-10-305-720-1452

Query Match Score 1.7%; DB 16; Length 2129;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCGGGAGGC 766
 Db 508 CCTTCCTCATCGGGAGGC 527

RESULT 53
 US-10-316-515-75
 Sequence 75, Application US/10316515
 Publication No. US20040116365A1
 GENERAL INFORMATION:
 APPLICANT: Susan M. Freier
 TITLE OF INVENTION: MODULATION OF LCK EXPRESSION
 FILE REFERENCE: RTS-0344
 CURRENT APPLICATION NUMBER: US/10/316,515
 CURRENT FILING DATE: 2002-12-10
 NUMBER OF SEQ ID NOS: 76
 SEQ ID NO 75
 LENGTH: 2129
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (60)...(1151)
 US-10-316-515-75

Query Match Score 1.7%; DB 17; Length 2129;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCGGGAGGC 766
 Db 508 CCTTCCTCATCGGGAGGC 527

RESULT 49
 US-09-960-706-954
 Sequence 954, Application US/09960706
 Publication No. US20030134280A1
 GENERAL INFORMATION:
 APPLICANT: Munger, William E.
 TITLE OF INVENTION: Drugs for and Diagnosis of Benign Prostatic Hyperplasia
 FILE REFERENCE: 44921-5029-01US
 CURRENT APPLICATION NUMBER: US/09/960,706
 CURRENT FILING DATE: 2001-09-24
 PRIOR APPLICATION NUMBER: 60/223,323
 PRIOR FILING DATE: 2000-08-07
 PRIOR APPLICATION NUMBER: 09/1873,319
 PRIOR FILING DATE: 2001-06-05
 NUMBER OF SEQ ID NOS: 1124
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 954

Qy 747 CCTTCCTCATCCGGAGGC 766
 Db 518 CCTTCCTATCCGGAGGC 527

RESULT 52
 US-10-723-860-6251
 ; Sequence 6251, Application US/10723860
 ; Publication No. US200405360641
 ; GENERAL INFORMATION
 ; APPLICANT: Aziz, Natasha
 ; APPLICANT: Ginsburg, Wendy M.
 ; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions & Methods for Screening for Soft Tissue Sarcoma Modulators
 ; CURRENT APPLICATION NUMBER: US/10/723, 860
 ; CURRENT FILING DATE: 2003-11-26
 ; PRIORITY FILING DATE: 2002-11-26
 ; NUMBER OF SEQ ID NOS: 8393
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO: 6251
 ; LENGTH: 2227
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE: misc_feature
 ; LOCATION: (1926) ; (1943)
 ; OTHER INFORMATION: n is a, c, g, or t

US-10-723-860-6251

Query Match 1.7%; Score 20; DB 18; Length 2227;
 Best Local Similarity 100.0%; Pred. No. 10;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCCGGAGGC 766
 Db 585 CCTTCCTATCCGGAGGC 604

RESULT 53
 US-09-805-020-4
 ; Sequence 4, Application US/09805020
 ; Publication No. US2008638A1
 ; GENERAL INFORMATION
 ; APPLICANT: LEVINE, Zurit
 ; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
 ; FILE REFERENCE: 2786-0168P
 ; CURRENT APPLICATION NUMBER: US/09/805,020
 ; CURRENT FILING DATE: 2001-03-13
 ; NUMBER OF SEQ ID NOS: 72
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 4
 ; LENGTH: 2282
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE: misc_feature
 ; LOCATION: (1) .(2282)
 ; OTHER INFORMATION: any n = a,c,g,t any unknown or other

US-09-805-020-4

Query Match 1.7%; Score 20; DB 9; Length 2282;
 Best Local Similarity 100.0%; Pred. No. 10;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCCGGAGGC 766
 Db 736 CCTTCCTCATCCGGAGGC 755

RESULT 54

Db 19473 AGATCCTCCAGGCTGAGAG 19454
 RESULT 56
 US-10-412-277-3
 ; Sequence 3, Application US/10412277
 ; Publication No. US 20030175791A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GUEGLIER, Karl et al.
 ; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
 ; TITLE OF INVENTION: THEREOF
 ; FILE REFERENCE: CL001.067DIV
 ; CURRENT APPLICATION NUMBER: US/10/412,277
 ; CURRENT FILING DATE: 2003-04-14
 ; NUMBER OF SEQ ID NOS: 8
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 3
 ; LENGTH: 786431
 ; TYPE: DNA
 ; ORGANISM: Human
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)...(78631)
 ; OTHER INFORMATION: n = A, T, C or G
 US-10-412-277-3

Query Match Score 20; DB 15; Length 786431;
 Best Local Similarity 100.0%; Pred. No. 5.2.; Indels 0; Gaps 0;

Qy 693 TGAGCGGGAGAAAGCAGAG 712
 Db 412751 TGAGCAAGGAGAAAGCAGAG 412770

RESULT 57
 US-09-908-975-4510
 ; Sequence 4510, Application US/09908975
 ; Publication No. US 20030165843A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SHOSHAN, Avi
 ; APPLICANT: WASSERMAN, Alon
 ; APPLICANT: MINTZ, Eli
 ; APPLICANT: MINTZ, Liat
 ; APPLICANT: FAIGLER, Srichon
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPICE
 ; THAT POPULATE A TRANSCRIPTOME
 ; FILE REFERENCE: 36588-0005
 ; CURRENT APPLICATION NUMBER: US/09/908,975
 ; CURRENT FILING DATE: 2001-07-20
 ; PRIOR APPLICATION NUMBER: US 60/287,724
 ; PRIOR FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: US 60/221,607
 ; PRIOR FILING DATE: 2000-07-28
 ; NUMBER OF SEQ ID NOS: 34337
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO: 4510
 ; LENGTH: 65
 ; TYPE: DNA
 ; ORGANISM: Rattus norvegicus
 US-09-908-975-4510

Query Match Score 19; DB 10; Length 65;
 Best Local Similarity 100.0%; Pred. No. 53.; Indels 0; Gaps 0;

Qy 395 ACAATGGAAAGTCGCCCA 413
 Db 2 ACAATGGAAAGTCGCCCA 20

US-09-864-761-30106/c
 ; Sequence 30106, Application US/09864761
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharron G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David K.
 ; APPLICANT: Chen, Wenshang
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
 ; FILE REFERENCE: Aeomica-X-1
 ; CURRENT APPLICATION NUMBER: US/09/864,761
 ; CURRENT FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/180,312
 ; PRIOR FILING DATE: 2000-02-04
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 09/632,366
 ; PRIOR FILING DATE: 2000-08-03
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00651
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 09/608,408
 ; PRIOR FILING DATE: 2000-06-30
 ; PRIOR APPLICATION NUMBER: US 09/774,203
 ; PRIOR FILING DATE: 2001-01-29
 ; NUMBER OF SEQ ID NOS: 49117
 ; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
 ; SEQ ID NO: 30106
 ; LENGTH: 114
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: MAP TO AC020596.2
 ; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.7
 ; OTHER INFORMATION: SWISSROT HIT: P52757, VALUE 2.00e-09
 ; OTHER INFORMATION: EST HUMAN HIT: AW950919.1, VALUE 2.00e-55
 ; OTHER INFORMATION: NT HIT: g111431079, EVALUATE 5.00e-58
 US-09-864-761-30106

Query Match Score 1.6%; Score 19; DB 9; Length 114;
 Best Local Similarity 100.0%; Pred. No. 49;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 751 CCTCATCCGGAGAGCCAG 769
 Db 51 CCTCATCCGGAGAGCCAG 33

RESULT 61
 US-10-425-115-73988
 ; Sequence 73988, Application US/10425115
 ; Publication No. US20040214272B1
 ; GENERAL INFORMATION
 ;
 ; APPLICANT: La Rosa, Thomas J.
 ; APPLICANT: Kovalic, David K.
 ; APPLICANT: Zhou, Yihua
 ; APPLICANT: Cao, Yongwei
 ; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 ; FILE REFERENCE: 38-21(53222)B
 ; CURRENT APPLICATION NUMBER: US/10/425,115
 ; CURRENT FILING DATE: 2003-04-28
 ; NUMBER OF SEQ ID NOS: 369326
 ; SEQ ID NO 73988
 ; LENGTH: 438
 ; TYPE: DNA
 ; ORGANISM: Zea mays
 ; FEATURE: Plants
 ; OTHER INFORMATION: Clone ID: MRT4577_167477C.1
 ; US-10-425-115-73988

Query Match Score 1.6%; Length 438;
 Best Local Similarity 100.0%; Pred. No. 42;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 24 GCCTGTGTCCTGTGACAG 42
 Db 302 GCCTGTGTCCTGTGACAG 320

RESULT 60
 US-10-072-602B-237
 ; Sequence 237, Application US/10072602B
 ; Publication No. US20030109670A1
 ; GENERAL INFORMATION
 ;
 ; APPLICANT: University of Utah Research Foundation
 ; APPLICANT: Cognexx, Inc.
 ; APPLICANT: Olivera, Baldomero M.
 ; APPLICANT: McIntosh, J. Michael
 ; APPLICANT: Watkins, Maren
 ; APPLICANT: Garrett, James B.
 ; APPLICANT: Cruz, Lourdes J.
 ; APPLICANT: Grilley, Michelle
 ; APPLICANT: Schoenfeld, Robert M.
 ; APPLICANT: Walker, Craig
 ; APPLICANT: Shetty, Reshma
 ; APPLICANT: Jones, Robert M.
 ; TITLE OF INVENTION: Cone Snail Peptides
 ; FILE REFERENCE: 2314-249
 ; CURRENT APPLICATION NUMBER: US/10/072,602B
 ; CURRENT FILING DATE: 2002-02-11
 ; PRIOR APPLICATION NUMBER: US 60/267,408
 ; PRIOR FILING DATE: 2001-02-09
 ; NUMBER OF SEQ ID NOS: 638
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 237
 ; LENGTH: 510
 ; TYPE: DNA
 ; ORGANISM: Conus textile
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (223) .. (471)

Query Match 1.6%; Score 19; Length 510;
 Best Local Similarity 100.0%; Pred. No. 41;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 392 GGAACATGGAAAGTCTGC 410
 Db 390 GGAAACATGGAAAGTCTGC 408

RESULT 62
 US-10-425-115-27950

RESULT 63
 US-09-864-761-13565/c
 ; Sequence 13565, Application US/09864761
 ;
 ; GENERAL INFORMATION
 ;
 ; APPLICANT: Penn, Sharron G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David K.
 ; APPLICANT: Chen, Wensheng
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; FILE REFERENCE: Aeomica-X-1
 ; CURRENT APPLICATION NUMBER: US/09/864,761
 ; CURRENT FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/180,312
 ; PRIOR FILING DATE: 2000-02-04
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 09/632,366
 ; PRIOR FILING DATE: 2000-08-03
 ; PRIOR APPLICATION NUMBER: GB 24263,6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 09/608,408
 ; PRIOR FILING DATE: 2000-06-30
 ; PRIOR APPLICATION NUMBER: US 09/774,203
 ; PRIOR FILING DATE: 2001-01-29
 ; NUMBER OF SEQ ID NOS: 49117
 ; SOFTWARE: Annotrax Sequence Listing Engine vers. 1.1
 ; SEQ ID NO 13565
 ; LENGTH: 599
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: MAP TO AC020596.2
 ; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.7
 ; US-09-864-761-13565

Query Match 1.6%; Score 19; Length 599;
 Best Local Similarity 100.0%; Pred. No. 41;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 751 CCTCATCGGGAGACCAAG 769
 Db 75 CCTCATCGGGAGACCAAG 57

Sequence 27950, Application US/10425115
 Publication No. US20040214272A1.
 GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J.
 APPLICANT: Kovacic, David J.
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 TITLE OF INVENTION: Plants
 FILE REFERENCE: 38-21 (53222) B
 CURRENT APPLICATION NUMBER: US/10/425,115
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 369326
 SEQ ID NO 27950
 LENGTH: 153
 TYPE: DNA
 ORGANISM: Zea mays
 OTHER INFORMATION: Clone ID: MRT4577_125504C.1
 FEATURE:
 US-10-425-115-27950

Query Match 1.6%; Score 19; DB 18; Length 753;
 Best Local Similarity 100.0%; Pred. No. 39;
 Matches 19; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 453 CTGTCGAAGGCCAGGGACC 471
 Db 272 CTGTCGAAGCCAGGGACC 290

RESULT 63
 US-09-789-561-20/c
 Sequence 20, Application US/09789561
 Patent No. US20030064818A1
 GENERAL INFORMATION:
 APPLICANT: Ni et al.
 TITLE OF INVENTION: 52 Human secreted proteins
 FILE REFERENCE: P2043P1
 CURRENT APPLICATION NUMBER: US/09/789,561
 CURRENT FILING DATE: 2001-02-22
 PRIOR APPLICATION NUMBER: PCT/US00/24008
 PRIOR FILING DATE: 2000-08-31
 PRIOR APPLICATION NUMBER: 60/152,317
 PRIOR FILING DATE: 1999-09-03
 PRIOR APPLICATION NUMBER: 60/152,315
 PRIOR FILING DATE: 1999-09-03
 NUMBER OF SEQ ID NOS: 194
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 20
 LENGTH: 1033
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-789-561-20

Query Match 1.6%; Score 19; DB 9; Length 1033;
 Best Local Similarity 100.0%; Pred. No. 38;
 Matches 19; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 696 GCAGGGAAAGCAGAGGA 714
 Db 931 GCAGGGAAAGCAGAGGA 913

RESULT 64
 US-10-027-632-118578/c
 Sequence 118578, Application US/10027632
 Publication No. US20030198371A1.
 GENERAL INFORMATION:
 APPLICANT: Wang, David G.
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 FILE REFERENCE: 108827,19
 CURRENT APPLICATION NUMBER: US/10/027,632
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 118578

Query Match 1.6%; Score 19; DB 15; Length 1125;
 Best Local Similarity 100.0%; Pred. No. 38;
 Matches 19; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 964 GCCCTGTGTCTGCAGAGG 982
 Db 926 GCCCTGTGTCTGCAGAGG 908

RESULT 66
 US-10-24-509-55347
 Publication No. US2004031072A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J
 APPLICANT: Kovalic, David K
 APPLICANT: Zhou Yihua
 APPLICANT: Cao Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
 TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
 FILE REFERENCE: 38-21 (53223) B
 CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO 55347
 LENGTH: 1133
 TYPE: DNA
 ORGANISM: Glycine max
 FEATURE: OTHER INFORMATION: Clone ID: PAT_MRT3847_20990c.1
 US-10-424-599-55347

Query Match 1.6%; Score 19; DB 16; Length 1133;
 Best Local Similarity 100.0%; Pred. No. 38;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 68
 US-10-280-576-25
 / Sequence 1, Application US/10280576
 / Publication No. US2004044405A1
 GENERAL INFORMATION:
 APPLICANT: Millennium Pharmaceuticals, Inc
 APPLICANT: Hunter, John Joseph
 APPLICANT: MacBeth, Kyle J.
 APPLICANT: Tsai, Fong-Ying
 APPLICANT: Leson, Andrea
 APPLICANT: Lightcap, Eric S.
 APPLICANT: Williamson, Mark
 APPLICANT: Rudo, Iph-Owen, Laura A.
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING
 TITLE OF INVENTION: CANCER USING 140, 1410, 1686, 2089, 2427, 3702, 5891, 6428,
 TITLE OF INVENTION: 7181, 7660, 25641, 69583, 49863, 8891, 1682, 17667, 9225,
 TITLE OF INVENTION: 3703, 14171, 10359, 1660, 1450, 18894, 2088, 32427, 2160,
 TITLE OF INVENTION: 9252, 9389, 1642, 85269, 10297, 1584, 9555, 14124, 4469,
 TITLE OF INVENTION: 8990, 2100, 9288, 10480, 20893, 33230, 1586, 9943,
 TITLE OF INVENTION: 16334, 68862, 9011, 14031, 6178, 21225, 1420, 32236, 2099,
 TITLE OF INVENTION: 2150, 26583, 2784, 8941, 9811, 27444, 50566 OR 66428 MOLECULES
 FILE REFERENCE: MP102-020PIRNQNMN

CURRENT APPLICATION NUMBER: US/10/354,358
 CURRENT FILING DATE: 2003-01-30
 PRIOR APPLICATION NUMBER: US 60/353,600
 PRIOR FILING DATE: 2002-01-31
 PRIOR APPLICATION NUMBER: US 60/364,517
 PRIOR FILING DATE: 2002-03-15
 PRIOR APPLICATION NUMBER: US 60/371,075
 PRIOR FILING DATE: 2002-04-09
 PRIOR APPLICATION NUMBER: US 60/371,507
 PRIOR FILING DATE: 2002-04-10
 PRIOR APPLICATION NUMBER: US 60/372,984
 PRIOR FILING DATE: 2002-04-16
 PRIOR APPLICATION NUMBER: US 60/374,194
 PRIOR FILING DATE: 2002-04-19
 PRIOR APPLICATION NUMBER: US 60/382,995
 PRIOR FILING DATE: 2002-05-24
 PRIOR APPLICATION NUMBER: US 60/385,023
 PRIOR FILING DATE: 2002-05-31

Query Match 1.6%; Score 19; DB 15; Length 1467;
 Best Local Similarity 100.0%; Pred. No. 36;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 69
 US-10-126-962-1
 / Sequence 1, Application US/10126962
 / Publication No. US2004087783A1
 GENERAL INFORMATION:
 APPLICANT: Plowman, Gregory D.
 APPLICANT: Onrust, Susan
 APPLICANT: Markey, David
 APPLICANT: Courtnidge, Sara
 TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF SAD RELATED DISORDERS
 FILE REFERENCE: 034536-0497
 CURRENT APPLICATION NUMBER: US/10/126,962
 PRIOR APPLICATION NUMBER: 09/099,053
 PRIOR FILING DATE: 2002-04-22
 PRIOR APPLICATION NUMBER: 09/099,053
 PRIOR FILING DATE: 1998-06-17
 PRIOR APPLICATION NUMBER: 60/049,914
 PRIOR FILING DATE: 1997-06-18
 NUMBER OF SEQ ID NOS: 29
 SOFTWARE: Patentin Ver. 2.1

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; SEQ ID NO 1
; LENGTH: 1548
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Unknown mammalian
; OTHER INFORMATION: Nucleotide sequence US-10-126-962-1
Query Match Score 19; DB 16; Length 1548;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Software: FastSEQ for Windows Version 4.0
SEQ ID NO 1

; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: CL001065
; CURRENT APPLICATION NUMBER: US/09/861,846
; CURRENT FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 09/752,821
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 1833
; TYPE: DNA
; ORGANISM: Human
; NUMBER OF SEQ ID NOS: 4
; SEQ ID NO 1

Query Match Score 19; DB 9; Length 1833;
Best Local Similarity 100.0%; Pred. No. 35;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Software: FastSEQ for Windows Version 4.0
SEQ ID NO 1

; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: US-10-250-463-1
; Sequence 1, Application US/10250463
; Publication No. US20040106775A1
; GENERAL INFORMATION:
; APPLICANT: PE CORPORATION (NY)
; TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: CL001065
; CURRENT APPLICATION NUMBER: US/10/250,463
; CURRENT FILING DATE: 2003-07-02
; PRIOR APPLICATION NUMBER: 09/752,821
; PRIOR FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/861,846
; PRIOR FILING DATE: 2001-05-22
; NUMBER OF SEQ ID NOS: 4
; SEQ ID NO 1
; LENGTH: 1833
; TYPE: DNA
; ORGANISM: Homo sapiens
; NUMBER OF SEQ ID NOS: 4
; SEQ ID NO 1

Query Match Score 19; DB 17; Length 1833;
Best Local Similarity 100.0%; Pred. No. 35;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Software: FastSEQ for Windows Version 4.0
SEQ ID NO 1

; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: US-10-250-463-1
; Sequence 1, Application US/10250463
; Publication No. US20040106775A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
; FILE REFERENCE: 38-21(53377)B
; CURRENT APPLICATION NUMBER: US/10/739,930
; CURRENT FILING DATE: 2003-12-18
; NUMBER OF SEQ ID NOS: 11088
; SEQ ID NO 5045
; LENGTH: 2023
; TYPE: DNA
; ORGANISM: Triticum aestivum
; FEATURE:

; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: US-10-73-930-5045
; Sequence 5045, Application US/10739930
; Publication No. US20040216190A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
; FILE REFERENCE: 38-21(53377)B
; CURRENT APPLICATION NUMBER: US/10/739,930
; CURRENT FILING DATE: 2003-12-18
; NUMBER OF SEQ ID NOS: 11088
; SEQ ID NO 5045
; LENGTH: 2023
; TYPE: DNA
; ORGANISM: Triticum aestivum
; FEATURE:

; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: US-09-961-846-1
; Sequence 1, Application US/09861846
; Patent No. US00201085A1
; GENERAL INFORMATION:
; APPLICANT: GUGGLER, Karl et al.
; TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
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; NAME/KEY: unsure
; LOCATION: (1)-(2023)
; OTHER INFORMATION: unsure at all n locations
; FEATURE: Clone ID: TRIAE-23APR03-CLUSTERS27_113
; OTHER INFORMATION: US-10-739-90-5045

Query Match
Best Local Similarity 1.6%; Score 19; DB 18; Length 2023;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
SEQ ID NO: 1101
LENGTH: 2771
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: GenBank ID No. US20040010136A1 g1256002
US-10-305-720-1101

Query Match
Best Local Similarity 1.6%; Score 19; DB 16; Length 2771;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
SEQ ID NO: 1101
LENGTH: 2771
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: GenBank ID No. US20040010136A1 g1256002
US-10-305-720-1101

RESULT 74
US-10-094-749-577
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKI, ICHIRO
; APPLICANT: SEKI, NAOKIKO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
TITLE OF INVENTION: NOVEL FULL-LENGTH cDNA
CURRENT APPLICATION NUMBER: US/10/094-749
PRIORITY FILING DATE: 2002-03-12
PRIORITY APPLICATION NUMBER: 60/350,435
PRIOR FILING DATE: 2002-01-24
PRIORITY APPLICATION NUMBER: JP 2001-3283181
NUMBER OF SEQ ID NOS: 3381
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO: 577
LENGTH: 2120
TYPE: DNA
ORGANISM: Homo sapiens
US-10-094-749-577

Query Match
Best Local Similarity 1.6%; Score 19; DB 15; Length 2120;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
SEQ ID NO: 1101
LENGTH: 2120
TYPE: DNA
ORGANISM: Homo sapiens
US-10-094-749-577

RESULT 75
US-10-305-720-1101
; Publication No. US20040010136A1
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice K.; Seilhamer, Jeffrey J.
; TITLE OF INVENTION: Composition for the Detection of Signaling Pathway Gene Expression
; FILE REFERENCE: PA-0002-1 CONN
; CURRENT APPLICATION NUMBER: US/10/305,720

Query Match
Best Local Similarity 1.6%; Score 19; DB 16; Length 2771;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
SEQ ID NO: 1101
LENGTH: 2771
TYPE: DNA
ORGANISM: Mus musculus
US-10-094-749-577

RESULT 76
US-10-087-192-416
; Sequence 416, Application US/10087192
; Publication No. US20020182588A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; APPLICANT: Engelhard, Eric K.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
; TITLE OF INVENTION: CANCER
; FILE REFERENCE: 529452000122
; CURRENT APPLICATION NUMBER: US/10/087,192
; CURRENT FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 2059
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 416
; LENGTH: 3103
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-087-192-416

Query Match
Best Local Similarity 1.6%; Score 19; DB 13; Length 3103;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
SEQ ID NO: 1101
LENGTH: 3103
TYPE: DNA
ORGANISM: Mus musculus
US-10-087-192-416

RESULT 77
US-10-331-053-2
; Sequence 2, Application US/10331053
; Publication No. US20040197778A1
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc S. Malandro
; TITLE OF INVENTION: Novel Compositions and Methods in Cancer
; FILE REFERENCE: 529452001100
; CURRENT APPLICATION NUMBER: US/10/331,053
; CURRENT FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 2
; LENGTH: 3107
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-331-053-2

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US-10-331-053-2
 Query Match 1.6%; Score 19; DB 18; Length 3107;
 Best Local Similarity 100.0%; Pred. No. 33;
 Matches 19; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 320 CAGACTGTTCCAAAGC 338
 Db 962 CAGACTGTTCCAAAGC 980

RESULT 80
 US-10-437-963-29812
 Sequence 29812, Application US/10437963
 Publication No. US20040123343A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J.
 APPLICANT: Kovacic, David K.
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 APPLICANT: Wu, Wei
 APPLICANT: Boukharov, Andrey A.
 APPLICANT: Barbazuk, Brad
 APPLICANT: Li, Ping
 TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
 TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
 CURRENT APPLICATION NUMBER: US/10/437,963
 CURRENT FILING DATE: 2003-05-14
 NUMBER OF SEQ ID NOS: 204966
 SEQ ID NO 29812
 LENGTH: 6779
 TYPE: DNA
 ORGANISM: Oryza sativa
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT4530_34278C.1
 US-10-437-963-29812

Query Match 1.6%; Score 19; DB 17; Length 6779;
 Best Local Similarity 100.0%; Pred. No. 30;
 Matches 19; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1127 TCCCTCAGCTCTACATCA 1145
 Db 1465 TCCCTCAGCTCTACATCA 1483

RESULT 81
 US-10-723-860-1073
 Sequence 1073, Application US/10723860
 Publication No. US20040253606A1
 GENERAL INFORMATION:
 APPLICANT: Aziz, Natasha
 APPLICANT: Ginsburg, Wendy M.
 APPLICANT: Zlonick, Albert
 TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma Compositions & Methods for Screening for Soft Tissue Sarcoma Modulators
 CURRENT APPLICATION NUMBER: US/10/723,860
 CURRENT FILING DATE: 2003-11-26
 PRIORITY APPLICATION NUMBER: US/10/0723,860
 PRIORITY FILING DATE: 2002-11-26
 NUMBER OF SEQ ID NOS: 8393
 SEQ ID NO 1073
 LENGTH: 33414
 TYPE: DNA
 ORGANISM: Homo sapiens
 OTHER INFORMATION: US-10-723-860-1073

Query Match 1.6%; Score 19; DB 18; Length 33414;
 Best Local Similarity 100.0%; Pred. No. 25;
 Matches 19; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 485 GCAGAGAGAGCAAGGCCA 503
 Db 32483 GCAGAGAGAGCAAGGCCA 32501

US-10-062-674-46381
 Query Match 1.6%; Score 19; DB 15; Length 4207;
 Best Local Similarity 100.0%; Pred. No. 32;
 Matches 19; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 411 CCAGCAGAGAAATCTCT 429
 Db 3095 CCAGCAGAGAAATCTCT 3077

RESULT 79
 US-10-062-674-46381
 Sequence 2048, Application US/10062674
 Publication No. US2004005559A1
 GENERAL INFORMATION:
 APPLICANT: Lozing, Jeanne F.; Kaser, Matthew R.
 TITLE OF INVENTION: MARKERS OF NEURONAL DIFFERENTIATION AND MORPHOGENESIS
 FILE REFERENCE: PA-0026-1.CIP
 CURRENT APPLICATION NUMBER: US/10/062,674
 CURRENT FILING DATE: 2002-01-30
 PRIORITY APPLICATION NUMBER: US/09/625,102
 PRIORITY FILING DATE: 2000-07-24
 NUMBER OF SEQ ID NOS: 2217
 SOFTWARE: PERL Program
 SEQ ID NO 2048
 LENGTH: 4720
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc feature
 OTHER INFORMATION: Incyte ID No. US2004000559A1. 422072.14
 FEATURE:
 NAME/KEY: unsure
 LOCATION: (1) ... (4720)
 OTHER INFORMATION: a, t, c, g, or other
 US-10-062-674-2048
 Query Match 1.6%; Score 19; DB 16; Length 4720;
 Best Local Similarity 100.0%; Pred. No. 32;

RESULT 82
 US-10-087-192-415
 Sequence 415, Application US/10087192
 Publication No. US2002018258621
 GENERAL INFORMATION:
 APPLICANT: Morris, David W.
 APPLICANT: Engelhard, Eric K.
 TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
 FILE REFERENCE: 52445200122
 CURRENT FILING DATE: 2002-03-01
 PRIOR APPLICATION NUMBER: US 09/747,377
 PRIORITY FILING DATE: 2000-12-22
 PRIOR APPLICATION NUMBER: US 09/798,586
 PRIOR FILING DATE: 2001-03-02
 NUMBER OF SEQ ID NOS: 2059
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 415
 LENGTH: 189158
 TYPE: DNA
 ORGANISM: Mus musculus
 FEATURE: misc_feature
 NAME/KEY: misc_feature
 LOCATION: (1) ..(189158)
 OTHER INFORMATION: n = A,T,C or G
 US-10-087-192-415

Query Match 1.6%; Score 19; DB 13; Length 189158;
 Best Local Similarity 100.0%; Pred. No. 20;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 320 CAGAGCTGTCCTCCAAAGC 338
 Db 166937 CAGAGCTGTCCTCCAAAGC 166955

RESULT 83
 US-10-331-053-1
 Sequence 1, Application US/10331053
 Publication No. US2004019778A1
 GENERAL INFORMATION:
 APPLICANT: Marc S. Malandro
 APPLICANT: David W. Morris
 TITLE OF INVENTION: Novel Compositions and Methods in Cancer
 FILE REFERENCE: 524452001100
 CURRENT FILING DATE: 2002-12-26
 NUMBER OF SEQ ID NOS: 86
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 1
 LENGTH: 192673
 TYPE: DNA
 ORGANISM: Mus musculus
 FEATURE: misc_feature
 NAME/KEY: misc_feature
 LOCATION: (1) ..(192673)
 OTHER INFORMATION: n = A,T,C or G
 US-10-331-053-1

Query Match 1.6%; Score 19; DB 18; Length 192673;
 Best Local Similarity 100.0%; Pred. No. 20;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 320 CAGAGCTGTCCTCCAAAGC 338
 Db 170455 CAGAGCTGTCCTCCAAAGC 170473

RESULT 84
 US-10-699-156-2/c

RESULT 89
US-10-437-963-47957/c
Sequence 47957, Application US/10437963
Publication No. US2004012334A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovacic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 35410
LENGTH: 304
TYPE: DNA
ORGANISM: Oryza sativa
FEATURE: OTHER INFORMATION: Clone ID: PAT_MRT4530_39332C.1
US-10-437-963-35410

Query Match 1.5%; Score 18; DB 17; Length 304;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 64 TCCCTCCCTGGCTCGGCT 81
Db 243 TCCCTCCCTGGCTCGGCT 226

RESULT 90
US-10-437-963-86032/c
Sequence 86032, Application US/09918995
Publication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovacic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 47957
LENGTH: 311
TYPE: DNA
ORGANISM: Oryza sativa
FEATURE: OTHER INFORMATION: Clone ID: PAT_MRT4530_50677C.1
US-10-437-963-47957

Query Match 1.5%; Score 18; DB 17; Length 311;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 64 TCCCTCCCTGGCTCGGCT 81
Db 250 TCCCTCCCTGGCTCGGCT 233

RESULT 91
US-10-437-963-84460/c
Sequence 84460, Application US/10437963
Publication No. US2004012334A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovacic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 84460
LENGTH: 374
TYPE: DNA
ORGANISM: Oryza sativa
FEATURE: OTHER INFORMATION: Clone ID: PAT_MRT4530_94167C.1
US-10-437-963-84460

Query Match 1.5%; Score 18; DB 17; Length 374;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 64 TCCCTCCCTGGCTCGGCT 81
Db 304 TCCCTCCCTGGCTCGGCT 287

RESULT 92
US-09-918-995-8609
Sequence 8609, Application US/09918995
Publication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED

RESULT 93
 TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
 FILE REFERENCE: 20411-756
 CURRENT FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: US/09/918,995
 PRIORITY NUMBER: US/09/235,076
 NUMBER OF SEQ ID NOS: 38054
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 8619
 LENGTH: 402
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-918-995-8609

Query Match 1.5%; Score 18; DB 10; Length 402;
 Best Local Similarity 100.0%; Pred. No. 1.4e+02; Indels 0; Gaps 0;
 Matches 18; Conservative 0; Mismatches 0; Insertions 0; Deletions 0; Gaps 0;

Qy 416 AGAAGAAATCTCTGCCA 433
 Db 3 AGAACAAATCTGCCA 20

RESULT 94
 US-09-983-965-1815
 Sequence 1815, Application US/09983965
 Patent No. US2002137160A1
 GENERAL INFORMATION:
 APPLICANT: Warren, Wesley C.
 APPLICANT: Tao, Ningbing
 APPLICANT: Bayatt, John C.
 APPLICANT: Mathialagan, Nagappan
 TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND FILE REFERENCE: 37-21 (10297) C
 CURRENT APPLICATION NUMBER: US/09/983,965
 CURRENT FILING DATE: 2001-10-26
 PRIOR APPLICATION NUMBER: US 09/465,231
 PRIOR FILING DATE: 1999-12-15
 PRIOR APPLICATION NUMBER: US 60/113,678
 PRIOR FILING DATE: 1998-12-17
 NUMBER OF SEQ ID NOS: 5912
 SEQ ID NO: 1815
 LENGTH: 403
 TYPE: DNA
 ORGANISM: Bos taurus
 OTHER INFORMATION: Clone ID: 02-LIB3057-001-Q1-K1-A9

Query Match 1.5%; Score 18; DB 9; Length 403;
 Best Local Similarity 100.0%; Pred. No. 1.4e+02; Indels 0; Gaps 0;
 Matches 18; Conservative 0; Mismatches 0; Insertions 0; Deletions 0; Gaps 0;

Qy 902 CTCCAGGCCCTCGTGGAC 919
 Db 376 CTCCAGGCCCTCGTGGAC 393

RESULT 95
 US-10-425-113332B/c
 Sequence 133328, Application US/10425115
 Publication No. US20040214272A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J.
 APPLICANT: Kovacic, David K.
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 FILE REFERENCE: 38-21 (53222) B
 CURRENT APPLICATION NUMBER: US/10/425,115
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 369326
 SEQ ID NO: 133328
 LENGTH: 467
 TYPE: DNA
 ORGANISM: Zea mays
 FEATURE:
 OTHER INFORMATION: Clone ID: MRT4577_53084C.1

Query Match 1.5%; Score 18; DB 18; Length 467;
 Best Local Similarity 100.0%; Pred. No. 1.4e+02; Indels 0; Gaps 0;
 Matches 18; Conservative 0; Mismatches 0; Insertions 0; Deletions 0; Gaps 0;

Qy 163 GCAGACAGATGCTGAGCT 180
 Db 115 GCAGACAGATGCTGAGCT 98

RESULT 96
 US-10-077-632-195991
 Sequence 195991, Application US/10027632
 Publication No. US2002138371A1
 GENERAL INFORMATION:
 APPLICANT: Wang, David G.
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 Polymorphisms in the Human Genome
 FILE REFERENCE: 109827-129
 CURRENT APPLICATION NUMBER: US/10/027,632
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325720
 LENGTH: 408

RESULT 97
 US-09-732-627A-2773/C
 Sequence 2773, Application US/09732627A
 Publication No. US2004012338A1
 GENERAL INFORMATION:
 APPLICANT: Flincher, Karen L.
 TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
 TITLE OF INVENTION: Plants
 FILE REFERENCE: 38-21 (51770) B
 CURRENT APPLICATION NUMBER: US/09/732,627A
 CURRENT FILING DATE: 2000-12-08
 NUMBER OF SEQ ID NOS: 4930
 SEQ ID NO: 2773
 LENGTH: 408

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; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 195991
; LENGTH: 474
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-195991

Query Match 1.5%; Score 18; DB 13; Length 474;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 541 GGCAGAGCTGCGCTGAG 558
Db 286 GGCGAGGTGTCCTGAG 303

RESULT 97
US-10-027-632-195991
; Sequence 195991, Application US/10027632
; Publication No. US20030204075A1
; GENERAL INFORMATION
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827-129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-13
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 195991
; LENGTH: 474
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-195991

Query Match 1.5%; Score 18; DB 15; Length 474;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 541 GGCAGAGCTGCGCTGAG 558
Db 286 GGCGAGGTGTCCTGAG 303

RESULT 98
US-09-918-995-26739
; Sequence 26739, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
; TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
; FILE REFERENCE: 20411-756
; CURRENT APPLICATION NUMBER: US/09/918,995
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US/09/235,076
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 38054
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO: 38019
; LENGTH: 491
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(491)
; OTHER INFORMATION: n = A, T, C or G
US-09-918-995-38019

Query Match 1.5%; Score 18; DB 10; Length 491;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 416 AGAGAAAATCTCTGCCA 433
Db 416 AGAGAAAATCTCTGCCA 433

RESULT 100
US-10-027-632-270409
; Sequence 270409, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827-129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO: 38054
; LENGTH: 474
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-270409

Query Match 1.5%; Score 18; DB 15; Length 474;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 541 GGCAGAGCTGCGCTGAG 558
Db 286 GGCGAGGTGTCCTGAG 303

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? PRIORITY FILING DATE: 1999-08-09
? NUMBER OF SEQ ID NOS: 325720
? SOFTWARE: FastSEQ for Windows Version 4.0
? SEQ ID NO: 270409
? LENGTH: 497
? TYPE: DNA
? ORGANISM: Human
? US-10-027-632-270409

Query Match 1.5%; Score 18; DB 13; Length 497;
Best Local Similarity 100.0%; Pred. No. 1.e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	269	CCAGAAGGGCCCCAAAG	286
Db	277	CCAGAAGGGCCCCAAAG	294

Search completed: December 30, 2004, 18:00:06
Job time : 739 secs